

Flagstaff Assoc. - Kellum #1
SE/4-NW/4 Sec 3-Twp-22N-R10E 3-2
Coconino, County 0746507

P-W

3-2

County Coconino

Area _____

Lease No. State DP 4-6597

*W/SP# 23
NE SW NE*

*Kellam per newspaper clipping
Kellam per app.*

Well Name Flagstaff Assoc. Kellum #1

Location SE 1/4 Sec 3 Twp 22N Range 10E Footage 2070 fml 1500 fml 2278'

near app no. 6000? Spud Complete Total 2265?
Elev 5550 Gr KB Date May 48 Abandon Sept 49 Depth 2600 approx.
5710 WSR #33 *more probably March '50* Approx. 2420?

Contractor: _____ Cost \$ _____

5588 G&L from USGS 7 1/2' quad Mexican Creek

Drilled by Rotary _____
Cable Tool

Casing Size	Depth	Cement	Production Horizon

Initial Production D & A

REMARKS: Samples at Museum of Northern Arizona (to 2265')

Elec. Logs _____ Sample Log _____
 Applic to Plub _____ Plugging Record _____ Completion Report Sample Descript _____
 Sample Set X-7-63, P-72
 Cores _____

Water well - accepted by _____

Bond Co. & No. _____

Bond Am't \$ _____ Cancelled _____ Date _____ Organization Report _____

Filing Receipt _____ dated _____ Well Book _____ Plat Book _____
Loc. Plat _____ Dedication _____

API # 02-005-05009

PERMIT NO. None Date Issued _____

3-2

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: Flagstaff Associates Address: 17 N. Grand Flagstaff Ariz.
 Federal, State or Indian Lease Number or name of lessor if fee lease: same state land, mostly private. Well Number: 1 Field & Reservoir:
 Location: Noblem Ranch 25 mi. N.E. of Flagstaff County: Cocconino
 Sec. TWP-Range or Block & Survey:

Date spudded: about May '48 Date total depth reached: about Sept. '49 Date completed, ready to produce:
 Elevation (DF, RKB, RT or Gr.) feet: Elevation of casing hd. flange feet:
 Total depth: about 2600 ft. P.B.T.D.: Single, dual or triple completion? If this is a dual or triple completion, furnish separate report for each completion.
 Producing interval (s) for this completion: Rotary tools used (interval): Cable tools used (interval): X
 Was this well directionally drilled? Was directional survey made? Was copy of directional survey filed? Date filed:
 Type of electrical or other logs run (check logs filed with the commission): Date filed:

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production: Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump):

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

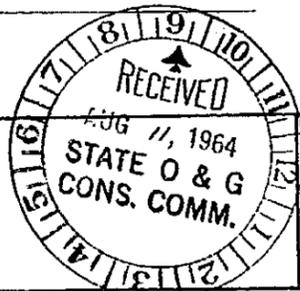
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

 Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Flagstaff Associates (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: 8-10-64

Signature: John Stalley



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 File One Copy

Permit No.

Form No. 4

(Complete Reverse Side)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: *Flagstaff Associates* Address: *17 N. Leroux Flagstaff Ariz.*
 Federal, State or Indian Lease Number or name of lessor if fee lease: *Some state land, mostly private.* Well Number: *1* Field & Reservoir:
 Location: *Kellem Ranch 20 mi N.E. of Flagstaff* County: *Cocconino*
 Sec. TWP-Range or Block & Survey: *?*

Date spudded: *about May '48* Date total depth reached: *about Sept. 49* Date completed, ready to produce:
 Elevation (DF, RKB, RT or Gr.) feet: Elevation of casing hd. flange feet:
 Total depth: *about 2600 ft.* P.B.T.D.: Single, dual or triple completion?: If this is a dual or triple completion, furnish separate report for each completion.
 Producing interval (s) for this completion: Rotary tools used (interval): Cable tools used (interval):
 Was this well directionally drilled? Was directional survey made? Was copy of directional survey filed? Date filed:
 Type of electrical or other logs run (check logs filed with the commission): Date filed:

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production: Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)
 Date of test: Hrs. tested: Choke size: Oil prod. during test bbls.: Gas prod. during test MCF: Water prod. during test bbls.: Oil gravity ° API (Corr):
 Tubing pressure: Casing pressure: Cal'd rate of Production per 24 hrs.: Oil bbls.: Gas MCF: Water bbls.: Gas-oil ratio
 Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the *President* of the *Flagstaff Associates* (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: *8-10-64*

Signature: *John Stilly*



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 Form No. 4 File One Copy

Permit No.

6

His memory is poor - Other data indicate this well was commenced in March, 1950 and probably turned over as a water well in 1951

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator Flagstaff Associates Address 17 N. Leroux Flagstaff Ariz.

Federal, State or Indian Lease Number or name of lessor if fee lease Some state land, mostly private. Well Number 1 Field & Reservoir

Location Kellem Ranch 25 mi N.E. of Flagstaff County Cocconino

Sec. TWP-Range or Block & Survey ?

Date spudded about May '48 Date total depth reached about Sept. '49 Date completed, ready to produce P.B.T.D. Elevation (DF, RKB, RT or Gr.) feet Elevation of casing hd. flange feet

Total depth about 2,600 ft. Single, dual or triple completion? If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion no. Rotary tools used (interval) Cable tools used (interval) X

Was this well directionally drilled? ? Was directional survey made? no. Was copy of directional survey filed? ? Date filed

Type of electrical or other logs run (check logs filed with the commission) ? Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

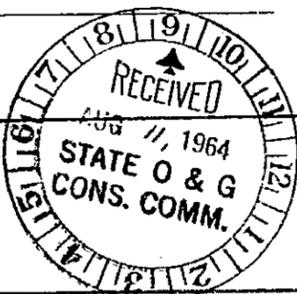
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Flagstaff Associates (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 8-10-64

Signature John Shilly



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4 File One Copy

Permit No.

(Complete Reverse Side)

His memory is poor - Other data indicate this well was commenced in March, 1950 and probably turned over as a water well in 1951

6

**ARIZONA
STATE LAND DEPARTMENT**

Lease or Permit No. OP-46597

Lessee's Monthly Report of Operations

The following is a correct report of operations and production (including drilling and producing wells) for the month of June 1951

Agent's Address Flagstaff Ariz Company Flagstaff Associates Inc
 Signed Fred T. Schumaker
 Telephone 123 Agent's Title Vice Pres

Section and 1/4 of 1/4	Township	Range	Days Produced	Barrels of Oil	Gravity	Cubic Feet of Gas (in Thousands)	Gallons of Gasoline	Barrels of Water (if None so State)	Remarks (if drilling, depth; if shutdown, cause; date and result of test for gasoline content of gas)
3	22	10E							
<p>Completed casing and cemented in, Started to drill out plug, ran into gas. Pocket blew string of drill 200 feet up hole carrying 2000 feet of water. Have control head installed, and now ready to start work again after 4 July</p>									

NOTE:—There were no runs or sales of oil; no runs or sales of gas;
 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE:—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the Commissioner by the 6th of the succeeding month, unless otherwise directed by the Commissioner.

Approved:

July 1 1951
 Date

Flagstaff Associates Inc
 Company
 By Fred T. Schumaker
 Title
Box 22 Flagstaff Ariz
 Address

6
 OP 46597

ARIZONA STATE LAND DEPARTMENT

Lease or Permit No. O.P.-46597

Lessee's Monthly Report of Operations

The following is a correct report of operations and production (including drilling and producing wells) for the month of Jan 1951

Agent's Address Box 22 Flagstaff Arizona Company Flagstaff Associates Inc Signed Fritz T. Selmerman Agent's Title Vice President Telephone 123

Table with 10 columns: Section and 1/4 of 1/4, Township, Range, Days Produced, Barrels of Oil, Gravity, Cubic Feet of Gas (in Thousands), Gallons of Gasoline, Barrels of Water (if None so State), Remarks (if drilling, depth; if shutdown, cause; date and result of test for gasoline content of gas). Row 1: 3, 22, 10E, No operations in Jan, waiting for pipe, Drilled to 2265.

NOTE:—There were No runs or sales of oil; No runs or sales of gas; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE:—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the Commissioner by the 6th of the succeeding month, unless otherwise directed by the Commissioner.

Approved:

Flagstaff Associates Inc Company By Fritz T. Selmerman VP Title Box 22 Flagstaff Arizona Address

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ARILUB WELL-Continued
Sec. 3, T. 22 N., R. 10 E.

Collector: Stiller (?) Ass. No. 05,36 Date: Summer, 1950

Depth	Formation	Color	Size	Composition	Sorting, Cement, Roundness
966	Coconino ss.	Fale yellowish orange	Fine-grained	Quartz	Good Friable
975	do.	Grayish orange	Very fine-to- fine-grained	do.	Fair do.
995	do.	do.	Fine-grained	do.	Good do.
1015	do.	do.	do.	do.	do. do.
1030	Supal	Light brown	Very fine- grained	do.	do. do.
1040	do.	do.	do.	do.	do. do.
1050	do.	do.	Fine grained	do.	do. do.
1060	do.	do.	do.	do.	do. do.
1070	do.	do.	Very fine-to- fine-grained	do.	do. do.
1080	do.	do.	Fine-grained	do.	do. do.
1090	do.	do.	do.	do.	do. do.
1100	do.	do.	do.	do.	do. do.
1110	do.	do.	do.	do.	do. do.
1120	do.	do.	do.	do.	do. do.
1130	do.	do.	do.	do.	do. do.
1140	do.	do.	do.	do.	do. do.
1150	do.	do.	Very fine-to- fine grained	do.	Fair do.
1165	do.	do.	Fine grained	do.	Good do.
1180	do.	Moderate orange pink	do.	do.	do. do.
1190	do.	do.	Very fine-to- fine-grained	do.	Fair do.
1200	do.	do.	do.	do.	do. do.
1215	do.	do.	Fine-grained	do.	Good do.
1225	do.	do.	Very fine- grained	do.	do. do.
1235	do.	do.	do.	do.	do. do.
1240	do.	do.	do.	do.	do. do.
1250	do.	do.	do.	do.	do. do.
1260	do.	do.	Very fine-to- fine grained	do.	Fair do.
1270	do.	do.	Very fine- grained	do.	Good do.
1280	do.	do.	do.	do.	do. do.
1290	do.	Light brown	do.	do.	do. do.
1300	do.	do.	Fine-grained	do.	do. do.
1306	do.	do.	do.	do.	do. do.
1310	do.	do.	do.	do.	do. do.
1315	do.	do.	do.	do.	do. do.
1325	do.	Moderate reddish orange	Very fine-to- fine-grained	do.	Fair do.

OP 46597

3
 KELLEN HALL
 Sec. 3, T. 22 N., R. 10 E.
 Ass. No. 05.36

Collector: Stille (7) Date: Summer 1950

Depth	Formation	Color	Size	Composition	Sorting, Content,	Roundness
1335	Supai	light brown	Very fine-grained	quartz	Good	Friable
1339	do.	do.	Very fine-to-fine-grained	do.	Fair	do.
1347	do.	do.	Very fine-grained	do.	Good	do.
1355	do.	do.	do.	do.	do.	do.
1365	do.	Moderate orange pink	do.	do.	do.	do.
1370	do.	do.	do.	do.	do.	do.
1379	do.	do.	do.	do.	do.	do.
1386	do.	light brown	do.	do.	do.	do.
1400	do.	do.	do.	do.	do.	do.
1410	do.	do.	do.	do.	do.	do.
1418	do.	do.	do.	do.	do.	do.
1426	do.	do.	do.	do.	do.	do.
1434	do.	do.	Fine-grained	do.	do.	do.
1445	do.	Moderate orange pink	Very fine-grained	do.	do.	do.
1450	do.	light brown	Fine-grained	do.	do.	do.
1458	do.	do.	Very fine-grained	do.	do.	do.
1467	do.	do.	do.	do.	do.	do.
1475	do.	do.	do.	do.	do.	do.
1488	do.	do.	do.	do.	do.	do.
1495	do.	do.	do.	do.	do.	do.

OP 46597

Flagstaff Associates

COCONINO COUNTY

MELLUM WELL #1

Sec. 3, T. 22 N., E. 10 E.

Collector: *Dr. John*
Stilley, *Ph.D.*

Ass. No.

65.36

Date: Summer, 1950

Depth	Formation	Color	Size	Composition	Sorting, Cement, Moundness	
					Fair	Friable
600	Uccomino ss	Very pale orange	Fine-grained	Quartz	Fair	Friable
608	do.	Yellowish gray	do.	do.	Good	do.
616	do.	Very pale orange	do.	do.	Fair	do.
624	do.	do.	do.	do.	do.	do.
632	do.	do.	do.	do.	Good	do.
640	do.	do.	do.	do.	Fair	do.
645	do.	do.	do.	do.	Good	do.
654	do.	do.	do.	do.	do.	do.
665	do.	do.	do.	do.	do.	do.
667	do.	do.	do.	do.	do.	do.
675	do.	do.	do.	do.	Fair	do.
682	do.	do.	do.	do.	Good	do.
690	do.	do.	do.	do.	do.	do.
700	do.	do.	do.	do.	do.	do.
705	do.	do.	do.	do.	do.	do.
712	do.	do.	Very fine-to-fine-grained	do.	Fair	do.
722	do.	do.	Fine grained	do.	Good	do.
728	do.	do.	do.	do.	do.	do.
736	do.	do.	do.	do.	do.	do.
742	do.	do.	do.	do.	do.	do.
750	do.	do.	do.	do.	do.	do.
756	do.	do.	do.	do.	do.	do.
765	do.	Orange orange	do.	do.	do.	do.
773	do.	do.	do.	do.	do.	do.
778	do.	do.	do.	do.	do.	do.
788	do.	do.	do.	do.	do.	do.
793	do.	do.	do.	do.	do.	do.
800	do.	do.	do.	do.	do.	do.
808	do.	do.	do.	do.	do.	do.
818	do.	do.	do.	do.	do.	do.
828	do.	do.	do.	do.	do.	do.
838	do.	Pale yellowish orange	do.	do.	do.	do.
848	do.	Grayish orange	do.	do.	do.	do.
860	do.	do. orange	do.	do.	do.	do.
872	do.	Pale yellowish /	do.	do.	do.	do.
880	do.	Grayish orange	do.	do.	do.	do.
890	do.	do.	do.	do.	do.	do.
897	do.	do.	Very fine-to-fine grained	do.	Fair	do.
905	do.	do.	Fine-grained	do.	Good	do.
912	do.	Very pale orange	do.	do.	do.	do.
920	do.	do.	do.	do.	do.	do.
925	do.	Pale yellowish orange	do.	do.	do.	do.
935	do.	do.	do.	do.	do.	do.
944	do.	Grayish orange	do.	do.	do.	do.
956	do.	Pale yellowish orange	do.	do.	do.	do.

OP 46599

WRD Exp. (GW)
April 1966

Well No. (A-22-10) 3aca

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

O. J. Cosner (10-20-54)

U.S.S. Quad 142 1:62500

Record by E. P. Gavolk

Source of data Obs-Records Date 10-7-66 Map Flagstaff Ariz 350,000

State Arizona County Coconino Sequential number: 03

Latitude: 35 19 30 N Longitude: 111 18 48 W

Local use: T. 22 S. R. 10 W. Sec. 3 NE SW NE G+SR

Local well number: _____ Other number: Kellum Oil Test

Local use: _____ Owner or name: William Brophy

Owner of name: _____ Address: Phoenix, Ariz.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

Use of: Air cond, Bottling, Com, Devator, Power, Fire, Dow, Irr, Mad, Ind, P S, Rec,

Water: (S) Stock, (I) Instit, (U) Unused, (V) Recharge, (W) Desal-F S, (X) Desal-other, (Y) Other

Use of well: (A) Anode, (D) Drain, (G) Geismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Y) Destroyed

DATA AVAILABLE: Well data _____ Freq. W/L meas.: Inventory Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data: type: Partial

Freq. sampling: Inventory Pumpage inventory: no period: _____

Aperture cards: _____

Log data: Geologist's contacts; sample log 600-1495

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2400 ft. Meas. driller

Depth cased: _____ Casing type: steel Dia. _____

Finish: porous gravel w. concrete, (perf.) (screen), gravel w. (screen), horis. gallery, open end, parf., screen, sd. pt., shored, other

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air percussion, (F) rotary, (G) reverse tranching, (H) driven, (I) drive wash, (J) other

Date drilled: 1950 Pump intake setting: _____

Driller: _____ address _____

Lift (type): (A) air, (B) bucket, (C) cant, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P.

Descrip. MP top of casing 1.3 ft above LSD, Alt. MP 5591

Alt. LSD: 5590 Accuracy: _____

Water Level: 1139.80 ft. above MP, below LSD 1138 Accuracy: measured < 1'

Date meas: Oct. 5, 1966 Yield: _____ Pumping period: _____

Drawdown: _____ Accuracy: _____

QUALITY OF WATER DATA: Iron _____ Sulfate 221 Chloride 25 Hard. 342

Sp. Conduct 756 x 10⁶ Temp. _____ Date sampled 7-18-65

Taste, color, etc. _____

L+L WA
A- E/nc

Rec'd 11-28-72

Well No. (A-22-10) 3aca

Well No. (A-22-10) 3aca

Latitude-Longitude 35.19.30^N 111.18.48.1^W

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC PROVINCE: Colorado Plateaus SECTION: Grand Canyon

Drainage Basin: _____ Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (G) offhorns, pediment, hillsides, terraces, undulating, (H) valley flat, (I) _____, (J) _____, (K) _____, (L) _____

MAJOR AQUIFER: Permian-Pennsylvanian system _____ series _____ aquifer, formation, group _____ Supai _____ aquifer _____

Lithology: very fine ss _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: 1015 ft

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ _____ aquifer _____

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened:

Depth to consolidated rock: 45 ft Source of data: drillers log

Depth to basement: _____ ft Source of data: _____

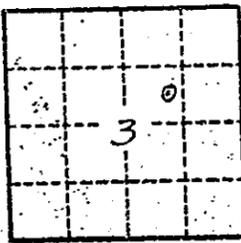
Surficial material: cinders Infiltration characteristics: excellent

Coefficient of Trans: _____ spd/ft Coefficient of Storage: _____

Coefficient of Perm: _____ spd/ft²; Spcc cap: _____ spd/ft; Number of geologic cards: _____

WL measured 1137' in Oct. 1954

- Geologists Contacts
- Cinders 0-45
 - Kaibab 45-285
 - Coconino 285-1015
 - Supai 1015-1495+
 - No record 1495-2400



Well No. (A-22-10) 3aca

**ARIZONA
STATE LAND DEPARTMENT**

Lease or Permit No. DP-46597

Lessee's Monthly Report of Operations

The following is a correct report of operations and production (including drilling and producing wells) for the month of Dec. Nov 1950.

Agent's Address Flagstaff Arizona Company Flagstaff Associates Inc
 Signed Frank T. Schuerman
 Telephone 039-132 Agent's Title Vice Pres

Section and 1/4 of 1/4	Township	Range	Days Produced	Barrels of Oil	Gravity	Cubic Feet of Gas (in Thousands)	Gallons of Gasoline	Barrels of Water (if None so State)	Remarks (if drilling, depth; if shutdown, cause; date and result of test for gasoline content of gas)
<u>3</u>	<u>22</u>	<u>10E</u>							
<p><i>at a depth of 2250 feet rainbows began to show, 2240 feet end of Superi formation, 15 feet Oil Sand - Then 6 feet of Black salt slush, 14 feet of real hard cap rock - and took 3 feet into Mississippian, Limestone - Oil and gas indicators very evident, shut down or stopped drilling at this point, we are now casing with six inch pipe and cementing, a water shut off, Our hopes are running very high for a producer very soon.</i></p>									

NOTE:—There were no runs or sales of oil; no runs or sales of gas; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE:—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the Commissioner by the 6th of the succeeding month, unless otherwise directed by the Commissioner.

Approved:

Flagstaff Associates Inc
 Company
 By Frank T. Schuerman V.P.
 Title
Box 22 Flagstaff Arizona,
 Address

RECEIVED
 DEC 22 1950

STATE LAND DEPT.
 OF ARIZONA

2240
 158
 143
 2278

DP46597

JOHN W. STILLEY
DENTIST
17 1/2 N. LEROUX
FLAGSTAFF, ARIZONA
PHONE PR 4-2871

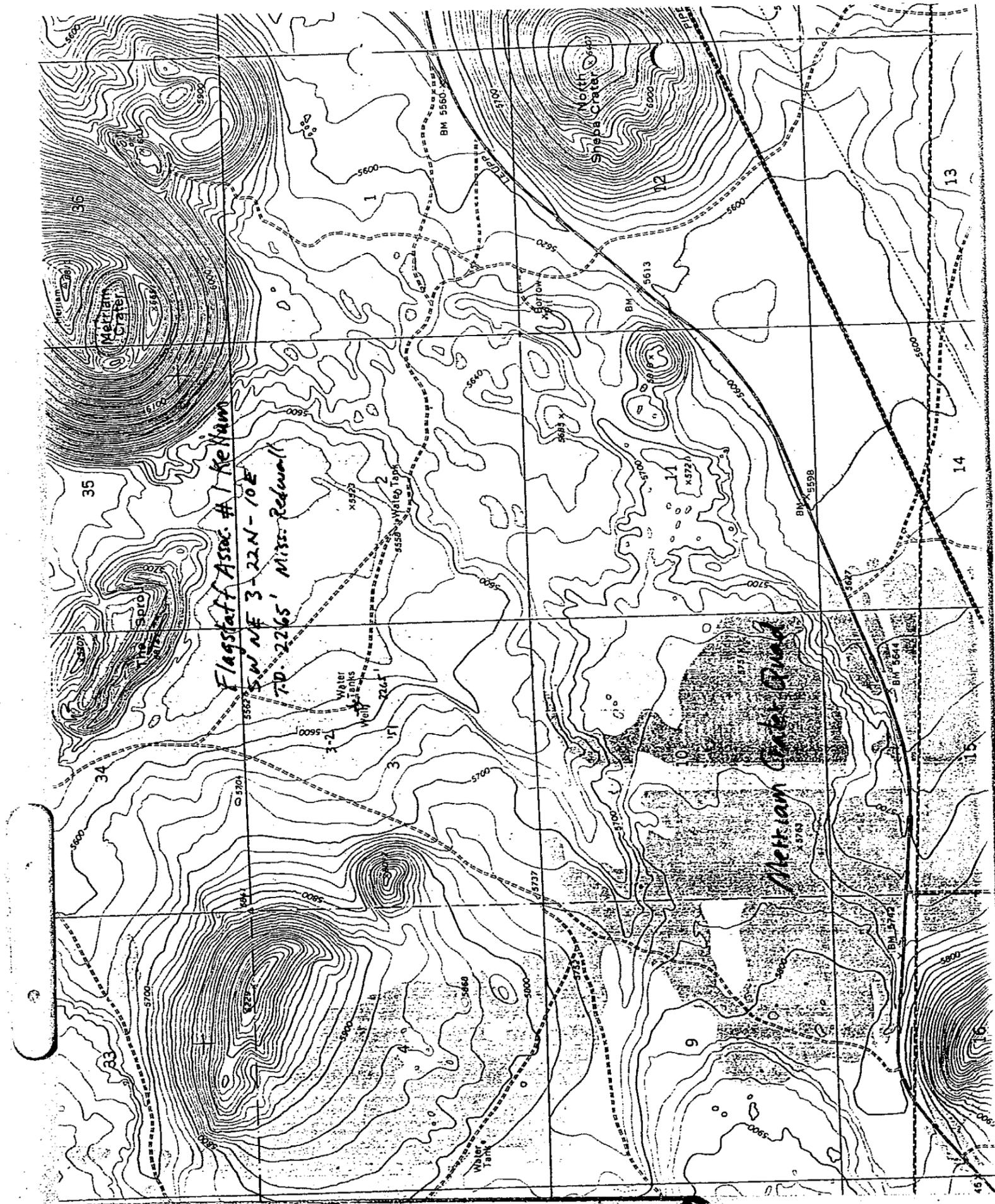
FOR _____
B ADDRESS _____ DATE _____

This information is
mostly guess since
most of our records
were lost year's ago.
As to legal description
I don't have legal
talent to look up the
court house records
We continue the cooperation
because we still hold
some mineral rights.

John Stilley

D. D. S.

RECEIVED
AUG 11, 1964
STATE O & G
CONS. COMM.



FLAGSTAFF ASSOCIATES-KELLUM WELL #1 Sec.3, T. 22 N., R. 10 E. COCONINO COUNTY

COLLECTOR: Stillely (?) Acc. No. G5.36 Date: Summer, 1950

Depth	Formation	Color	Size	Composition	Sorting, Cement, Roundness	
600	Coconino ss	Very pale orange	Fine-grained	Quartz	Fair	Friable
608	do	Yellowish gray	do	do	Good	do
616	do	Very pale orange	do	do	Fair	do
624	do	do	do	do	do	do
632	do	do	do	do	Good	do
640	do	do	do	do	Fair	do
645	do	do	do	do	Good	do
654	do	do	do	do	do	do
665	do	do	do	do	do	do
667	do	do	do	do	do	do
675	do	do	do	do	Fair	do
682	do	do	do	do	Good	do
690	do	do	do	do	do	do
700	do	do	do	do	do	do
705	do	do	do	do	do	do
712	do	do	Very fine to- fine grained	do	Fair	do
722	do	do	fine grained	do	Good	do
728	do	do	do	do	do	do
736	do	do	do	do	do	do
742	do	do	do	do	do	do
750	do	do	do	do	do	do
756	do	do	do	do	do	do
765	do	Grayish orange	do	do	do	do
773	do	do	do	do	do	do
778	do	do	do	do	do	do
788	do	do	do	do	do	do
793	do	do	do	do	do	do
800	do	do	do	do	do	do
808	do	do	do	do	do	do
818	do	do	do	do	do	do
828	do	do	do	do	do	do
838	do	Pale yellowish orange	do	do	do	do
848	do	Grayish orange	do	do	do	do
860	do	do	do	do	do	do
872	do	Pale yellowish orange	do	do	do	do
880	do	Grayish orange	do	do	do	do
890	do	do	do	do	do	do
897	do	do	Very fine to- fine grained	do	Fair	do
905	do	do	Fine-grained	do	Good	do
912	do	Very pale orange	do	do	do	do
920	do	do	do	do	do	do
925	do	Pale yellowish orange	do	do	do	do
935	do	do	do	do	do	do
944	do	Grayish orange	do	do	do	do
956	do	Pale yellowish orange	do	do	do	do
966	Coconino ss	Pale Yellowish orange	Fine-grained	Quartz	Good	Friable
975	do	Grayish orange	Very fine-to- fine-grained	do	Fair	do
995	do	do	Fine-grained	do	Good	do
1015	do	do	do	do	do	do
1030	Supai	Light brown	Very fine- grained	do	do	do
1040	do	do	do	do	do	do
1050	do	do	Fine-grained	do	do	do
1060	do	do	do	do	do	do
1070	do	do	Very fine to- fine-grained	do	do	do
1080	do	do	Fine-grained	do	do	do

FLAGSTAFF ASSOCIATES-KELLUM #1 WELL

COCONINO COUNTY

Depth	Formation	Color	Size	Composition	Sorting, Cement, Roundness	
1090	do	do	Fine-grained	do	do	do
1100	do	do	do	do	do	do
1110	do	do	do	do	do	do
1120	do	do	do	do	do	do
1130	do	do	do	do	do	do
1140	do	do	do	do	do	do
1150	do	do	Very fine-to-fine grained	do	Fair	do
1165	do	do	Fine grained	do	Good	do
1180	do	Moderate orange pink	do	do	do	do
1190	do	do	Very fine-to-fine-grained	do	Fair	do
1200	do	do	do	do	do	do
1215	do	do	Fine-grained	do	Good	do
1225	do	do	Very fine-grained	do	do	do
1235	do	do	do	do	do	do
1240	do	do	do	do	do	do
1250	do	do	do	do	do	do
1260	do	do	Very fine-to-fine grained	do	Fair	do
1270	do	do	Very fine-grained	do	Good	do
1280	do	do	do	do	do	do
1290	do	Light brown	do	do	do	do
1300	do	do	Fine-grained	do	do	do
1306	do	do	do	do	do	do
1310	do	do	do	do	do	do
1315	do	do	do	do	do	do
1325	do	Moderate reddish orange	Very fine-to-fine-grained	do	Fair	do
1335	Supai	Light brown	Very fine-grained	quartz	Good	Friable
1339	do	do	Very fine-to-fine-grained	do	Fair	do
1347	do	do	Very fine-grained	do	Good	do
1355	do	do	do	do	do	do
1365	do	Moderate orange pink	do	do	do	do
1370	do	do	do	do	do	do
1379	do	do	do	do	do	do
1386	do	Light brown	do	do	do	do
1400	do	do	do	do	do	do
1410	do	do	do	do	do	do
1418	do	do	do	do	do	do
1426	do	do	do	do	do	do
1434	do	do	Fine-grained	do	do	do
1445	do	Moderate orange pink	Very fine grained	do	do	do
1450	do	Light brown	Fine-grained	do	do	do
1458	do	do	Very fine-grained	do	do	do
1467	do	do	do	do	do	do
1475	do	do	do	do	do	do
1488	do	do	do	do	do	do
1495	do	do	do	do	do	do

FLAGSTAFF ASSOCIATES-KELLUM #1 WELL

COCONINO COUNTY

Depth	Formation	Color	Size	Composition	Sorting, Cement, Roundness
1090	do	do	Fine-grained	do	do do
1100	do	do	do	do	do do
1110	do	do	do	do	do do
1120	do	do	do	do	do do
1130	do	do	do	do	do do
1140	do	do	do	do	do do
1150	do	do	do	do	do do
1165	do	do	Very fine-to-	do	Fair do
1180	do	Moderate orange pink	fine grained Fine grained	do	Good do
1190	do	do	do	do	do do
1200	do	do	Very fine-to-	do	Fair do
1215	do	do	fine-grained	do	do do
1225	do	do	do	do	Good do
1235	do	do	Fine-grained	do	do do
1240	do	do	Very fine-	do	do do
1250	do	do	grained	do	do do
1260	do	do	do	do	do do
1270	do	do	do	do	do do
1280	do	do	Very fine-to	do	Fair do
1290	do	Light brown	fine grained	do	Good do
1300	do	do	Very fine-	do	do do
1306	do	do	grained	do	do do
1310	do	do	do	do	do do
1315	do	do	do	do	do do
1325	do	Moderate reddish orange	do	do	do do
1335	Supai	Light brown	Very fine-to	do	Fair do
1339	do	do	fine-grained	quartz	Good Friable
1347	do	do	Very fine-to-	do	Fair do
1355	do	do	fine-grained	do	Good do
1365	do	Moderate orange pink	do	do	do do
1370	do	do	do	do	do do
1379	do	do	do	do	do do
1386	do	Light brown	do	do	do do
1400	do	do	do	do	do do
1410	do	do	do	do	do do
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1434	do	do	do	do	do do
1445	do	Moderate orange pink	Fine-grained	do	do do
1450	do	Light brown	Very fine	do	do do
1458	do	do	grained	do	do do
1467	do	do	Fine-grained	do	do do
1475	do	do	do	do	do do
1488	do	do	do	do	do do
1495	do	do	do	do	do do

FLAGSTAFF ASSOCIATES-KELLUM WELL #1 Sec.3, T. 22 N., R. 10 E. COCONINO COUNTY

COLLECTOR: Stilley (?) Acc. No. G5.36 Date: Summer, 1950

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654	do	do	do	do	do	do
665	do	do	do	do	do	do
667	do	do	do	do	do	do
675	do	do	do	do	Fair	do
682	do	do	do	do	Good	do
690	do	do	do	do	do	do
700	do	do	do	do	do	do
705	do	do	do	do	do	do
712	do	do	Very fine to- fine grained	do	Fair	do
722	do	do	fine grained	do	Good	do
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736	do	do	do	do	do	do
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750	do	do	do	do	do	do
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773	do	do	do	do	do	do
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1050	do	do	Fine-grained	do	do	do
1060	do	do	do	do	do	do
1070	do	do	Very fine to- fine-grained	do	do	do
1080	do	do	Fine-grained	do	do	do

STATE of ARIZONA
OIL and GAS CONSERVATION COMMISSION
CAPITOL ANNEX
ROOM 202
1624 WEST ADAMS STREET
PHOENIX, ARIZONA

COMPANY Flagstaff Associates DATE 8-6-1964
RE: WELL NAME & NUMBER: Kellum #1 Well
LOCATION: SECTION 3 TWP. 22n R. 10E COUNTY Coconino
FILE NUMBER 46597

Gentlemen:

We have reviewed our files and find that we need the below checked item (s) in order to complete same. Will you please fill in the enclosed form (s), at your earliest convenience, and return them to this office. May we remind you that your bond (# XXXXXXXXXXXXXXXXXX,

issued by Not Applicable) can be forfeited for failure to comply.

In addition we request a copy of any log run on this (these) well (s).

Your cooperation is appreciated. If we may be of service to you please advise.

Yours very truly,

Bill Cooper

Bill Cooper
Records Section

Completion Record

Plugging Record

Well Log
cc/Bonding Company

Application to plug and abandon

46597

November 16, 1960

Mr. G. H. Drewry
Amerada Petroleum Corp.
Box 601
Durango, Colorado

Dear Mr. Drewry:

Yesterday, November 15, this office had mailed to you the samples from Flagstaff Associates - Kellum #1 oil well, in Sec. 3, T. 22 N, R. 10 E, Coconino County, Arizona. Upon your receipt of the samples, kindly return to us the enclosed acknowledgement which we will keep in our file until you return these samples to us.

Yours very truly,

D. A. Jerome
Executive Secretary

W. F. Maule
Petroleum Engineer

EW
Enclosure

*letter written 4/17/61
copying note J. Maule
BP
4/17/61*



MUSEUM OF NORTHERN ARIZONA
FORT VALLEY ROAD • P.O. BOX 402 • FLAGSTAFF, ARIZONA

November 14, 1960

Mr. William Maule
Oil and Gas Conservation Commission
3500 N. Central
Phoenix, Arizona

Dear Mr. Maule:

Mr. G. H. Drewry of the Amerada Petroleum Corp., Box 601 Durango, Colorado just called me in regard to an oil well (Flagstaff Associates - Kellum # 1) in Sec. 3, T 22 N, R. 10 E. in Coconino Co. We have the samples from this well, but it is not our policy to lend them. I told him that samples he could borrow might be available from you. If you have samples of this well that you could lend would you please ship them to him C.O.D.

In reference to your letter of Sept. 9th I have tried to find more information on the Duncan well, but all that I can find out is that our samples run from 0' to 590'. These samples were in the group of unwashed samples that Hackenbracht brought up sometime this Summer from your office. Can you figure out the location of the well from that information. *probably - Cochise Co*

Just returned from Denver where I spent several days at the American Stratigraphic Co. Hope to get down to Phoenix sometime within the next month or so to discuss what I found out there.

Sincerely,

William J. Breed
William J. Breed
Curator of Geology

Find Oil Showings In Kellam Prospect

Halt Drilling Temporarily, Casing On Way

The oil prospect well being drilled 25 miles northeast of Flagstaff by Flagstaff Associates is producing showings of oil, Dr. J. W. Stilley, president, said today.

He said the drill bit has pierced the Mississippian lime at a depth of 2250 feet, and laboratory analysis of the bailings indicates "pronounced oil showings" with oil slicks appearing on the slush pit.

The Mississippian lime, Stilley says, is believed by geologists to be the most likely oil-bearing structure in northern Arizona.

It was reached after the drill passed through a thin layer of soft sand which produced slight oil and gas traces. This was followed by salt water sludge.

Drilling has been halted pending arrival of casing.

After the casing has been set attempts will be made to bring the well in by the use of acid, Stilley said. If oil is not produced in commercial quantities at this depth, the entire strata of Mississippian lime will be tested. Average thickness of the layer is 300 to 500 feet.

The well is on land belonging to Joe Kellam, and is known as "Kellam No. 1."

Flagstaff Associates is a corporation made up of Flagstaff business and professional men.

The well was spudded in last spring. Work was halted for several weeks, and resumed early this fall. This is the first well drilled in this immediate area.

Find Oil Showings In Kellam Prospect

7-14-36 Bull. 182
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Temporarily,
Casing On Way**

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L.R.
— successor to Hawkey Associates and
Cozmo Oil + Gas Co.

Find Oil Showings In Kellam Prospect

70-242a Bull 182

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L.R.
successor to Harkley Associates and
Gozzaro Oil + Gas Co.

March 1, 1960

Mr. J. Paul Moslander
Skyline Oil Company
Atlas Building
Salt Lake City 1, Utah

Dear Mr. Moslander:

Your letter of February 10, has been forwarded to this office for answer.

The well to which you refer is the Flagstaff Associates, Kellum #1, Sec. 3 - 22N. - 105. Our records indicate the well was started in March 1950 and was continued until November 1950, when Mr. Schverman reported "Rainbows 2200-40, 2240 Bottom of Supai - 15' Oil Sand, - 6' Black Salt - Slush, 14' Hard Caprock, - 3' Mississippian lime."

In June of 1951, operators reported: "started to drill out plug. Ran into gas. Pocket blew tools 700' up hole, carrying 2000' of water."

We have a partial log of the sample, from 600' in the Coconino sand to 1495'. Top of the Supai 1030'. Cuttings of this well are at the Arizona Bureau of Mines.

We would like to invite you to visit our office and consider our state in your drilling program. I believe we can show you several very interesting areas.

Yours very truly,

W. F. Maule,
Petroleum Engineer

WFM:gg

SKYLINE OIL COMPANY

ATLAS BUILDING
SALT LAKE CITY 1, UTAH

February 10, 1960

Mr. F. C. Ryan
Supervisor, Oil and Gas Conservation
State Land Department
407 State Office Building
Phoenix, Arizona

Dear Mr. Ryan:

A map sent to me by Petroleum Information Corporation in Denver shows a dry hole in T. 22 N., R. 10 E., G. & S. R. B. & M., Coconino County, Arizona. The approximate location of the well is in Section 3, and the total depth is noted at 2265 feet.

I would appreciate your sending me any information you have on this well.

Sincerely,

J. Paul Moslander
J. Paul Moslander





OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

REVISED 1954
~~STATE LAND COMMISSION~~
STATE LAND COMMISSION

August 5, 1954

Mr. Henry Warescheck
Postmaster
Flagstaff, Arizona

Dear Mr. Warescheck:

In a recent conversation with Mr. Bledsoe, he suggested that I send you the enclosed state forms O&G 55 and 56, dealing with the abandonment and plugging of any oil or gas test well in the state. I further understand that the Flagstaff Associates-Kellum well has been turned over to Mr. Kellum to be used as a water well, and I would appreciate you filling out these enclosed forms in duplicate and returning them to us, in order that we might complete our files on the above well.

Very truly yours,

Phillip W. Johnson,
Geologist

C
O
P
Y

PWJ:mb
Encls.

OP 46597



OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

ROGER ERNST
~~W. W. LANE~~
STATE LAND COMMISSIONER

March 5, 1954

Mr. Milton Silver
2822 Holt Ave.,
Los Angeles 34, California

Dear Mr. Silver:

Your letter addressed to the Department of Mineral Resources requesting information with regard to the Flagstaff Associates-Kellum #1 well, has been forwarded to this office for answer.

It is impossible for us to release the information you requested on this well, as under the State law we are not allowed to release any information prior to six months after date of completion or abandonment of any well. However, we are enclosing a copy of our pamphlet entitled, "Exploratory Deep Wells of the State of Arizona", and on Page 11, Under Coconino County, the well in question is listed showing certain information which may be of some help to you.

In case you would like to write to them direct, the address is as follows:

Flagstaff Associates
c/o John W. Stilley
17 N. Leroux St.,
Flagstaff, Arizona

We regret that we were unable to supply the information you have requested.

Very truly yours,

Phillip W. Johnson,
Geologist

by: _____
Secretary

mb
Encl.

OP 4 6597

C
O
P
Y

2-23-54

Gentlemen -

I am trying to get some information on oil well drillings, as operated by Flagstaff Associates, Inc. of Flagstaff, Arizona.

I sure would appreciate any information you might be able to give to me.

Sincerely yours,
MILTON SILVER
2822 HOLT AV.
LOS ANGELES, 34,
CALIF.

Land Dept.

RECEIVED
FEB 26 1954
DEPT. MINERAL RESOURCES
PHOENIX, ARIZONA

RECEIVED
MAR 2 1954
STATE LAND
DEPT.

1184

ARIZONA STATE LAND DEPARTMENT		
Noted by	To	By
Ans. by	Date	

OP46597

December 31, 1953

Flagstaff Associates
17 N. Leroux St.,
Flagstaff, Arizona

Attention: Mr. John W. Stilley

Dear Mr. Stilley:

We take this opportunity to bring to your attention certain information relative to your oil and gas drilling operation in Section 3, Township 22 N., Range 10 E. The information to be presented comes to us as an opinion from the Attorney General's Office of the State of Arizona. We quote from that letter hereafter.

"With regard to our conversation as to whether a person who commenced drilling an oil well prior to the effective date of the Oil and Gas Conservation Act of 1951, but was temporarily shut down at the time this Act became effective, and subsequently renewed operations, is subject to the rules and regulations adopted by the Commission pursuant to Section 11-1717, A.C.A. 1939, as amended, please be advised that it is the opinion of the Attorney General that:

(1) It is manifest that the declaration of policy as set forth in Section 11-1703(6) and (7), A.C.A. 1939, as amended, became effective in 1951 and accordingly applies to all persons drilling wells within the State of Arizona. Although it may be too late at this time to require a drilling permit as required by Section 11-1711, A.C.A. 1939, as amended, in this particular case, the objects sought to be accomplished by Section 11-1717, supra, by necessity must be complied with, if possible. I find no exceptions to Paragraph 3 requiring a bond conditioned upon the performance of the duties described in Paragraphs 1 and 2. Therefore, the driller in question must, upon the request of the Commissioner, supply this bond and comply with all other regulations adopted pursuant to this section.

(2) It is true that this Act may not have retrospective effect, and acts done contrary to this Act prior to its enactment may not be set up to penalize the driller in question, but, upon the effective date of this Act, all drilling, whether it be new or a continuance of a project already started, is subject to the control of the Oil and Gas Conservation Act."

Flagstaff Associates
December 31, 1953
Page 2

Based on the interpretation of the Laws, Rules and Regulations as presented above, we will expect that you file a \$2500.00 bond with this office before any further action is undertaken in connection with your drilling operation.

Any future drilling operations by your Company before a bond is filed will be considered a violation and appropriate action will be initiated by the State Land Commissioner to correct such violation.

Very truly yours,

Roger Ernst,
State Land Commissioner

RE:mb
Registered mail.

CP 46597

May 19, 1953

Flagstaff Associates, Inc.
17 N. Leroux St.
Flagstaff, Arizona

Attention: Mr. John W. Stilley

Gentlemen:

Your attention is invited to previous correspondence from this office concerning the filing of a surety bond in the amount of \$10,000.00, which bond is required under the Oil and Gas Conservation Act of 1951.

Realizing that the blanket bond of \$10,000 was difficult to secure for those oil and gas drillers or operators who did not have a previous record of oil or gas drilling, the Commissioner on May 8th of this year amended the requirements for a single well and reduced the bond to \$2500.00. It is believed that this will be adequate under the oil and gas conservation law to seal off any underground water stratas and plug the well in case of default by the driller or operator.

We therefore request that a surety bond in the amount of \$2500.00 be completed by you and your associates and filed with this office as soon as possible. Failure to do so would subject Flagstaff Associates, Inc. to the penalties imposed by the Oil and Gas Conservation Act heretofore referred to. Your speedy cooperation will be appreciated.

Very truly yours,

James R. Burger
Deputy State Land Commissioner

JRB:kb
encls.
reg 32616

CP46597

September 28, 1951

Mr. F. T. Schuerman
Box 22
Flagstaff, Arizona

Dear Mr. Schuerman:

Re: Monthly Reports Flagstaff Associates, Inc.

This will acknowledge receipt of your Monthly Report of Operations of the Flagstaff Associates Inc., for the Month of August.

Under the new law, no further monthly reports will be necessary, however, this office would very much appreciate your cooperation in keeping it informed from time to time of your progress.

Very truly yours,

L. A. Heindl, Geologist
State Land Department

LAH/kh

OP 46597

June 13, 1951

Mr. F. T. Schuerman
Box 22
Flagstaff, Arizona

Dear Sir:

This will acknowledge your May, 1951
Monthly Report of Operations on the Flagstaff
Associates-Kellum #1 Well.

Your report of gas showings is very
interesting. Have you had the gas analyzed?

Very truly yours,

L. A. Heindl
Geologist

LAH/mwl

0946597

March 13, 1951

Mr. F. T. Schuerman
Flagstaff Associates, Inc.
Box 82
Clarkdale, Arizona

Dear Mr. Schuerman:

Your letter of March 4, 1951 will be satisfactory as a monthly report for your February, 1951 operations. We are enclosing a number of copies of this form for your future use.

The samples left by you at the Land Department have been received. Thank you.

As yet I have received no answer from you regarding the information I requested in my letter dated February 20, 1951. This information would be appreciated.

The well site was visited March 11, 1951 and I noticed that there were approximately 2400 ft. of casing at the well. I presume you will resume drilling in the near future.

Very truly yours,



L. A. Bindl
Geologist

LAH:kb
encls.

0946597



FARMERS INSURANCE GROUP

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RECEIVED

MAR 6 1951

STATE LAND DEPT.
OF ARIZONA

March 4 1951

Mr J A Heindl
State Land Dept
Phoenix Arizona,

Dear Mr Heindl:-

I don't have any Lessee's Monthly
Report of operation forms, Our permit
No OP-46597, Reports no operations
for the month of February,

I left samples at the Land Dept
last month, Did you receive them?

Yours sincerely

W. T. Schuerman

W. T.
Flagstaff Associates Inc

Box 82, Clarkdale Ariz -



OP 46597

February 21, 1951

Mr. Fritz T. Schuerman
Flagstaff Associates, Inc.
Box 22
Flagstaff, Arizona

Dear Mr. Schuerman:

This will acknowledge receipt of your September, October and November, 1950 and January, 1951 monthly reports of operations.

I notice that in your November, 1950 report you indicate that below a depth of 2240 you show 15 ft. of "oil sand", 6 ft. of "black salt slush", 14 ft. of "real hard cap rock", and then 3 ft. of "Mississippian lime". This would bring your well to a total depth of 2278 ft. In the January, 1951 report you indicate that your total depth is 2265 ft. Which is correct?

Best regards.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb



FARMERS INSURANCE GROUP
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Clarkdale Ariz.

Jan 20, 1951

Mr. L. A. Heindl
Phoenix Arizona
Dear Mr. Heindl,

Your letter of Jan 18, received,
requesting a report on drilling operations
my reports mailed to you in September
Must have been misplaced at the Land
Department,

I have all samples of entire drilling,
and will have them with me on a
trip to Phoenix Jan 30, and would
like very much to see you on that date
if you happen to be there,

Yours very sincerely

Fritz T. Schumann
Clarkdale Ariz. 2.P.

Flagstaff Associate Inc



CP 46597

January 18, 1951

Mr. Fritz T. Schuerman
Flagstaff Associates, Inc.
Box 22
Flagstaff, Arizona

Dear Mr. Schuerman:

This office is not yet in receipt of your monthly reports regarding drilling operations on the Flagstaff Associates-Kellum #1 well for the months of September, October, November and December.

We would very much like to close our 1950 files regarding this well, and your compliance with the state regulations regarding this matter would be very much appreciated.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb

January 17, 1951

Mr. Frits T. Scherman,
Flagstaff Associates, Inc.,
Box 22,
Flagstaff, Arizona.

Dear Mr. Scherman:

The State Land Department has prepared the enclosed recapitulation of exploratory drilling in Arizona during the years 1949 and 1950.

This information is prepared from what is considered reliable sources, but we would appreciate your bringing any errors to our attention.

Very truly yours,

L. A. Heindl,
Geologist

LAH/lec
Encl.

December 12, 1950

Mr. F. T. Schuerman
Box 22
Flagstaff, Arizona

Dear Mr. Schuerman:

This office is not as yet in receipt of the monthly reports of operations for September, October and November.

Your immediate compliance with the law in regard to these reports is requested.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb

0746597

August 15, 1950

Mr. Joseph Irving
205 East Bridger
Las Vegas, Nevada.

Dear Mr. Irving:

Thank you very much for the samples from the Kelleam Well No. 1, in Coconino County.

At the present time we are somewhat rushed on our well sampling, and probably will not be able to get to samples from your well for a couple of months. If for any reason you are particularly anxious for an analysis of certain portions of the well we will be glad to run a limited number of samples. Otherwise, we will have to wait to complete the whole well.

Thanking you again for your cooperation in this matter, I am

Very truly yours,

L. A. Heindl, Geologist

LAH:bn

Jos. Irving
Owner

Phone 4072

CANEMONA DRILLING COMPANY

205 EAST BRIDGER • LAS VEGAS, NEVADA

WELL DRILLING

MINERAL PROSPECTING

WELL SERVICE

PUMPS INSTALLED

July 5th 1950

To Mr L. A. Heindl, Geologist
State Land Department
Arizona State Bldg.
Phoenix Arizona

Dear Mr Heindl;

The samples in this
box represent samples taken as ordered
on the Millem Well No 1 that was
drilled on Section 3, Township 22 North
Range 10 East in Coconino County
Arizona.

We will furnish you copies of the log
in the near future.

The well is now drilled to 1750'-0"
is still in Seepie.

Very truly yours
Joseph Brown.

0746597



June 26 , 1950

State Land Department
Phoenix, Arizona

Dear sir;

Enclosed Lessee Monthly Report of Operations
The Companys, LR Harkey and Associates, Cozona Oil and
Gas Co, Are now Flagstaff Associates Inc.

Your sincerely,

Fritz T Schuerman
Fritz T Schuerman
Vice President of Flagstaff Associates Inc.

0746597

June 21, 1950

Mr. L. R. Harkney
Cosona Oil Company
Commercial Hotel
Flagstaff, Arizona

Dear Mr. Harkney:

As of July 1, 1950 the State Land Department will require monthly reports of operations of oil and gas drilling activities in compliance with Section 6 of the operating regulations governing oil and gas drilling permits in the State of Arizona.

The form of the report will be Form O. & G. No. 3, Lessee's Monthly Report of Operations, copies of which are enclosed. Only ~~one copy~~ ^{two copies} will be required by this office, printed notice on the form to the contrary. The report is required for each calendar month and is due the 6th of the succeeding month. Section 6 states, "The report * * * constitutes a general summary of the status of operations on the property, and whatever such status may be, the report must be submitted each month until the permit or lease is terminated."

Specifically, the following items of information will be entered:

- 1) Total depth.
- 2) Shutdowns, length of and reasons for.
- 3) Tests, type of and dates.
- 4) Any other noteworthy information regarding operation.

The first report is due August 6, 1950 covering operations from July 1st to 31st, 1950.

An acknowledgment of this letter is requested.

Your cooperation in this matter will be appreciated.

Very truly yours,

W. W. Lane
State Land Commissioner

WWL:LAH:kb
encls.

June 17, 1950

Mr. Joseph Irving
c/o Canemona, Inc.
P. O. Box 2065
Las Vegas, Nevada

Dear Mr. Irving:

On my last visit to the Cozona oil well near Flagstaff it occurred to me that your Company might have logs on their drillings in other parts of Arizona. We are very anxious to collect all possible information on the ground water problem in Arizona, and would appreciate your cooperation in sending us logs, elevations, locations, depths and strengths of water strata on wells drilled by your firm. We are enclosing several copies of our report of well driller form for your convenience.

I should like to make it clear that this information is not required by state law except for irrigation wells pumping over 100 gallons per minute, but as you will understand it is vital information and we should like to have it in our files.

Thank you for your cooperation.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encls.

OP4 6597

April 7, 1950

Mr. J. T. Schuerman, Manager
Cosona Oil & Gas Co.
Box 22
Flagstaff, Arizona

Dear Mr. Schuerman:

This will acknowledge receipt of your notice of
intention to drill Cosona No. 1 Well, in Sec. 3,
T. 22 N., R. 10 E.

We are returning herewith your two copies approved
by the State Land Commissioner.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encs.

OP46597

April 7, 1950

Mr. Joseph Irving
Cameron Drilling Company
Flagstaff, Arizona

Dear Mr. Irving:

I am enclosing a couple dozen copies of our regulation
Report of Well Driller form for your convenience.

Any information that you are able to give us regarding
deep wells would be greatly appreciated.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encls.

CP46597

March 21, 1950

Mr. L. R. Harkey
Flagstaff, Arizona

Dear Sir:

During a recent conversation with Mr. Art Houser of Eloy Mr. Houser showed me your letter to him relating to an oil test now being drilled northeast of Flagstaff.

In checking our files I have been unable to locate a copy of the required State Oil and Gas Form #1, Intention to Drill, which should be made out in triplicate by an authorized agent of the drilling or promoting company. The three enclosed forms should be made out completely and forwarded to this office for approval by Mr. W. W. Lane, State Land Commissioner. Two of these copies will then be returned to you, and the third is for our files. The information on this form should be as complete as possible, and whatever information is not now available should be forwarded at the earliest possible time.

A copy of the Arizona rules and regulations governing exploration for oil and gas is enclosed. You will notice that a complete history of the drilling of the well as well as a complete log and other correlating information is required following the completion of the well for the State Land Department files. This information is not required before the completion of the well and is kept confidential so long as you request.

It is also required that cutting samples (every ten feet) be saved as well as any cores that may be taken. A cutting of these samples will be placed in the well sample library at the University of Arizona, Tucson, available for permanent reference.

This office is anxious to cooperate with you in every possible way. I shall be unable to visit your well in the near future. However, I have asked Dr. John H. Feth, of the U. S. Geological Survey to contact you in Flagstaff so that we may be able to more closely follow your progress. If there is any way in which we may be of assistance, please feel free to call on us.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encls.

CP46599