

P-W

Zuni - Arizona #1
SE/4-S¹/4 Sec 6-Twp19N-R24E 1-61
Apache County No Permit

County Apache

Area _____

Lease No. _____

Well Name ZUNI-ARIZONA OIL COMPANY WELL #1

Location Se/SE Sec 6 Twp 19N Range 24E Footage est. 660 fsl 660 fe
Elev 5390 Gr _____ KB Spud _____ Completed _____ Total _____
Date _____ Abandon 1921 Depth 945

Contractor _____

Casing Size _____ Depth _____ Cement _____ Drilled by Rotary _____
Cable Tool _____

Production Horizon _____

Initial Production _____

REMARKS _____

Elec _____ Sample Log _____
Logs _____ Sample Descript. _____
Applic. _____ Plugging _____ Completion _____ Sample Set _____
to Plug _____ Record _____ Report _____ Core Analysis _____
DSTs _____

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 NO. 02-001-05122

Permit Number none Date Issued _____

#1-61

Don Holm Report, 1938

PARTIAL LIST OF WELLS DRILLED IN ARIZONA

APACHE COUNTY

1. Hogback Oil Company No. 1. Sec. 24, T. 23N., R. 30E.
340' from N. line, 300' from W. line of NW $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 24.
Drilling commenced November 15, 1926.
Drilling completed May 7, 1927.
Total Depth 1510', in gray granite.
No shows recorded.
Log on file and plotted.
Located on upthrown fault block South end
of Defiance Uplift.
2. U. S. Indian Service Water Well, at junction of roads,
South of Window Rock and 2 miles East of St. Michaels.
T. D. 1795. Surface dips 15-25° E., in Chinlee Fm.
Hole bottomed in Cutler Formation. No shows oil or
gas.
Log on file.
E. flank Defiance Uplift.
3. Zuni Oil Company No. 1 Sec. 6, T. 19N., R. 24E.
T. D. @ 1000 feet. Start in Chinle, bottomed in
lower Chinle. } T.D. 943. No log. 1948
No shows oil and gas on our records.
No log on file.
Located on NE flank of so-called Carrizo Anticline.

COCHISE COUNTY

1. Arzberger No. 1 SE $\frac{1}{4}$ Sec. 19, T. 15 S., R. 26E.
Commenced drilling April 3, 1931.
Completed drilling October 28, 1931.
T.D. 3298'.
No shows recorded on log.
Temperature at 3225-35' 110° F.
Log on file and plotted.
2. Bowle Oil Leasing Syndicate No. 1. SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16, T. 13S., R. 28 E.
Commenced * * * * *
Completed drilling February 1, 1925.
T.D. 4110'.
Shows:
1925-35 sso
2100-2300 sdy sh, sso
2670-2700 sdy sh, sso & g
2958-62 sd, sso & g
3580 sh, sso & g
3815-3852-4110 shows oil when tested with
chloroform also H₂S.
Log on file and plotted.

3. Funk Benevolent Corp., No. 1 Fee. SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27, T. 13S., R. 30E.

Commenced drilling 1929
Completed - - still drilling Oct. 5, 1938
Depth to date 6440'
Temperature at 2430' - 165°.
Temperature at 6400' - 274°.
Shows of oil and gas numerous, beginning at 1730' and occurring at frequent intervals to bottom.
Hole full of water; operators attempting shut-off and swab test.
No correlation of formations available but suggestion is offered that the conglomerate in lower 500' of hole may be basal Cretaceous.
Log on file at 6400'.

4. Southern Pacific Railroad Water Well, Willcox.

1928-30
T. D. 650'.
Produced light oil, kerosene and gasoline; pumper sold 2,800 gallons to local ranchers at 10¢ a gallon.
Well not used since 1930.
Log on file and plotted.

MARICOPA COUNTY

1. Camelback No. 1 NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30, T. 2N., R. 4E.

Drilled 1907.
T.D. 2818'.
Shows numerous between 618' and 2400'.
Log on file and plotted.
Located on flank of Camelback Uplift.

2. Tamnehill No. 1, Beardsley. SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 4N., R. 2W.

T.D. 3350'
Shows:
2540 Light oil
3280 Black shale saturated with oil,
some gas.
Log on file.

NAVAJO COUNTY

1. Adamana Oil and Land Company No. 1.

Sec. 4, T. 14 N., R. 20E.

T. D. 3387'.
Shows:
1740-50 sh, oil
1940-50 sh, oil and gas
2250-2350 sd, oil
2480-2495 sd, oil
3380-(?) sdy ls, oil

Hole lost after fishing for tools. Never tested bottom show.
Log on file.
Located 2 miles N. of Richards Lake-Snowflake fault and 2 miles E. of anticline.

2. Black Canyon No. 1 Sec. 20, T. 16N., R. 17E.
T. D. 510'. ?
Core drill rig, took 7' cores of Coconino sandstone, which lie on ground near rig.
No shows on record.
No log on file.
Surface - Coconino S₈.
Located N. of Richards Lake-Snowflake fault on W. flank of anticline.
3. Great Basin Oil Company No. 1. Fuller (E. 5. Taylor). Sec. 21, T. 17N., R. 20E.
T.D. 4675'.
Shows:
1925-55 sd, salt water, gas.
3590-96 ls, oil
3685-3870 arkosis sd, oil on tools, water.
Correlations vague, but bottom hole may be Cambrian.
Log on file and plotted.
Supposedly located on structure by Dorsey Hager, but proved to be off structure.
4. Holbrook Oil Company No. 1. Sec. 23, T. 15N., R. 18E.
T. D. 2400' in 1922.
Deepened as Jerome-Navajo Drilling Company to 3775' in 1925.
Show gas ?
No log on file.
Located on structure? Doubtful
5. Hopi Oil Company No. 1. Sec. 21, T. 15N., R. 19E.
T.D. 2500'
No log on file.

YAVAPAI COUNTY

1. Arizona-Verde Oil Company. NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14, T. 13N., R. 5E.
T.D. 1625'.
Bottomed in igneous rock.
Correlation: 0-250'; Redwall ls ?
Log on file
2. Arizona-Verde Oil Company. NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9, T. 13N., R. 5E.
T.D. 1225'.
Bottomed in igneous rock.
Log on file.

Page 4.

3. Chino Valley Oil and Mining Company No. 1.
Sec. 27, T. 18N., R. 2W.

Drilled 1913
T.D. 1800' SS0.
No log on file.
Surface: Redwall ls.
Located on NW trending anticline in Redwall ls.

YOMA COUNTY

1. J. R. Loftus No. 1 (Stovall) NW $\frac{1}{4}$ Sec. 4, T. 8S., R. 13W.

Commenced
Completed
T.D. 2360'.
Temperatures:
2405-45 110°
2500 120°
2545 140°
Shows: Black mud at 2545-50', methane gas.
Log on file and plotted. No correlations.

A Zuni Well Navajo T14N R20E
 Zuni Oil Co. 19n-24e

0	10	soil
10	20	blue sh
20	30	gravel water
30	40	sh blue
40	50	sand water
50	80	red rock
80	100	sandy sh water set 12" casing at 87'
100	135	blue sh
135	140	red rock
150	165	blue sh
165	170	red rock
170	340	lime hard
340	375	red rock
375	380	sh blue
380	400	red rock
400	490	sh blue with lime shells
490	500	red rock
500	510	lime gray
510	520	sh red
520	530	soapstone
530	545	white sdy sh
545	560	pencil sh
560	620	sh blue set 10" ca at 56'
620	635	sand, with lime shells
635	700	lime brown with sdystreus
700	720	sh blue with lime shells showing oil
720	760	lime, blue brown, gray
760	775	sand sharp and light
775	800	lime gray
800	810	sh brown
810	830	lime sdy
803	850	sh brown
850	865	lime gray
865	910	sh brown
910	930	red sh
930	945	lime brown
945	950	sand white salt water

Zuni - Arizona

SE SE Sec. 6 T. 19 N. R. 24 E. Apache Co.
Zuni - Arizona Oil Co.
started in China form

0	10	soil
10	18	blue sh
18	22	water
22	32	"
32	35	water ---Plugged 33'
35	40	blue sh
40	80	blue sh
80	100	sdv - sh
100	135	sh blue
135	150	red sandstone
150	165	sh blue
165	350	red
350	375	sh blue
375	400	red
400	435	sh white
435	465	sh brown
465	480	sh with ls shells
480	520	red
520	530	soapstone
530	540	sdv sh white
540	560	shale
560	620	ls gray
620	645	sh with ls shell
645	700	ls - brown sdv streaks, showing oil
700	750	ls gray brown
750	865	sh brown
865	910	red
910	935	sh buff
935	945	water

ZUNI-ARIZONA OIL COMPANY WELL #1 APACHE COUNTY

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921, Log from ABM files.

0	10	Soil
10	18	Shale, blue
18	22	Gravel, water
22	32	Shale, blue
32	35	Sand, water
35	40	Red rock
40	55	Shale, blue
55	63	Lime (Bastard)
63	70	Shale, red
70	80	Bastard lime, set 12" casing at 87'
80	98	Sandy shale, water
98	135	Shale, blue
135	150	Red rock
150	165	Shale, blue
165	170	Red rock
170	180	Lime, hard
180	350	Red rock
350	375	Shale, blue
375	400	Red rock
400	435	Shale, white
435	465	Shale, brown
465	480	Shale, blue, with lime shells
480	500	Red rock
500	506	Red shale
506	509	Lime, gray
509	520	Shale, red
520	528	Soapstone
528	538	Shale, white, sandy
538	545	Pencil, shale
545	560	Shale, blue, set 10" casing at 560'
560	618	Lime, gray
618	635	Sand with lime shells, sharp
635	700	Lime, brown with sandy streaks, show oil
700	705	Lime, white
705	720	Shale, brown, with lime shells
720	725	Lime, blue
725	738	Lime, brown
738	747	Lime, gray
747	753	Sand, very sharp and tight
775	800	Shale, brown
800	808	Lime, sandy
808	840	Shale, brown
840	845	Lime, gray
845	865	Shale, brown
865	910	Red shale
910	915	Lime, brown
915	932	Shale, buff
932	945	Sand, white saltwater
945		Sand, blue

Chinle all the way

Zuni-Arizona Oil Company Well #1
 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921. Log from ABM files.

0	10	Soil
10	18	Shale, blue
18	22	Gravel, water
22	32	Shale, blue
32	35	Sand, water
35	40	Red rock
40	55	Shale, blue
55	63	Lime (Bastard)
63	70	Shale, red
70	80	Bastard lime, set 12" casing at 87'
80	98	Sandy shale, water
98	135	Shale, blue
135	150	Red rock
150	165	Shale, blue
165	170	Red rock
170	180	Lime, hard
180	350	Red rock
350	375	Shale, blue
375	400	Red rock
400	435	Shale, white
435	465	Shale, brown
465	480	Shale, blue, with lime shells
480	500	Red rock
500	506	Red shale
506	509	Lime, gray
509	520	Shale, red
520	528	Soapstone
528	538	Shale, white, sandy
538	545	Pencil shale
545	560	Shale, blue, set 10" casing at 560'
560	618	Lime, gray
618	635	Sand with lime shells, sharp
635	700	Lime, brown with sandy streaks, show oil
700	705	Lime, white
705	720	Shale, brown, with lime shells
720	725	Lime, blue
725	738	Lime, brown
738	747	Lime, gray
747	753	Sand, very sharp and tight
753	775	Lime, gray
775	800	Shale, brown
800	808	Lime, sandy
808	840	Shale, brown
840	845	Lime, gray
845	865	Shale, brown
865	910	Red shale
910	915	Lime, brown
915	932	Shale, buff
932	945	Sand, white, saltwater
945		Sand, blue

Chimle all the way

Wparks

Zuni-Arizona Oil Company Well #1
SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921. Log from ABM files.

0	10	Soil
10	18	Shale, blue
18	22	Gravel, water
22	32	Shale, blue
32	35	Sand, water
35	40	Red rock
40	55	Shale, blue
55	63	8 <u>Lime</u> (Bastard)
63	70	Shale, red
70	80	10 Bastard lime, set 12" casing at 87'
80	98	Sandy shale, water
98	135	Shale, blue
135	150	Red rock
150	165	Shale, blue
165	170	Red rock
170	180	10 <u>Lime</u> hard
180	350	Red rock
350	375	Shale, blue
375	400	Red rock
400	435	Shale, white
435	465	Shale, brown
465	480	Shale, blue, with lime shells
480	500	Red rock
500	506	Red shale
506	509	2 <u>Lime</u> , gray
509	520	Shale, red
520	528	Soapstone
528	538	Shale, white, sandy
538	545	Pencil-shale
545	560	Shale, blue, set 10" casing at 560'
560	618	5 <u>Lime</u> , gray
618	635	Sand with lime shells, sharp
635	700	6 <u>Lime</u> , brown with sandy streaks, show oil
700	705	5 <u>Lime</u> , white
705	720	Shale, brown, with lime shells
720	725	5 <u>Lime</u> , blue
725	738	13 <u>Lime</u> , brown
738	747	9 <u>Lime</u> , gray
747	753	Sand, very sharp and tight
753	775	22 <u>Lime</u> , gray
775	800	Shale, brown
800	808	8 <u>Lime</u> , sandy
808	840	Shale, brown
840	845	5 <u>Lime</u> , gray
845	865	Shale, brown
865	910	Red shale
910	915	5 <u>Lime</u> , brown
915	932	Shale, buff
932	945	Sand, white, saltwater
945		Sand, blue

Chinle all the way

ZUNI, #1 - Sec. 6-T19N-R24E.
A P A C H E C O U N T Y

Apache

Zuni-Arizona Oil Company Well #1
SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921. Log from ABM files.

0	10	Soil
10	18	Shale, blue
18	22	Gravel, water
22	32	Shale, blue
32	35	Sand, water
35	40	Red rock
40	55	Shale, blue
55	63	8 <u>Lime</u> (Bastard)
63	70	Shale, red
70	80	10 Bastard lime, set 12" casing at 87'
80	98	Sandy shale, water
98	135	Shale, blue
135	150	Red rock
150	165	Shale, blue
165	170	Red rock
170	180	10 <u>Lime</u> hard
180	350	Red rock
350	375	Shale, blue
375	400	Red rock
400	435	Shale, white
435	465	Shale, brown
465	480	Shale, blue, with lime shells
480	500	Red rock
500	506	Red shale
506	509	3 <u>Lime</u> , gray
509	520	Shale, red
520	528	Soapstone
528	538	Shale, white, sandy
538	545	Pencil shale
545	560	Shale, blue, set 10" casing at 560'
560	618	57 <u>Lime</u> , gray
618	635	Sand with lime shells, sharp
635	700	6 <u>Lime</u> , brown with sandy streaks, show oil
700	705	5 <u>Lime</u> , white
705	720	Shale, brown, with lime shells
720	725	5 <u>Lime</u> , blue
725	738	13 <u>Lime</u> , brown
738	747	9 <u>Lime</u> , gray
747	753	Sand, very sharp and tight
753	775	22 <u>Lime</u> , gray
775	800	Shale, brown
800	808	8 <u>Lime</u> , sandy
808	840	Shale, brown
840	845	5 <u>Lime</u> , gray
845	865	Shale, brown
865	910	Red shale
910	915	5 <u>Lime</u> , brown
915	932	Shale, buff
932	945	Sand, white, saltwater
945		Sand, blue

Chinle all the way

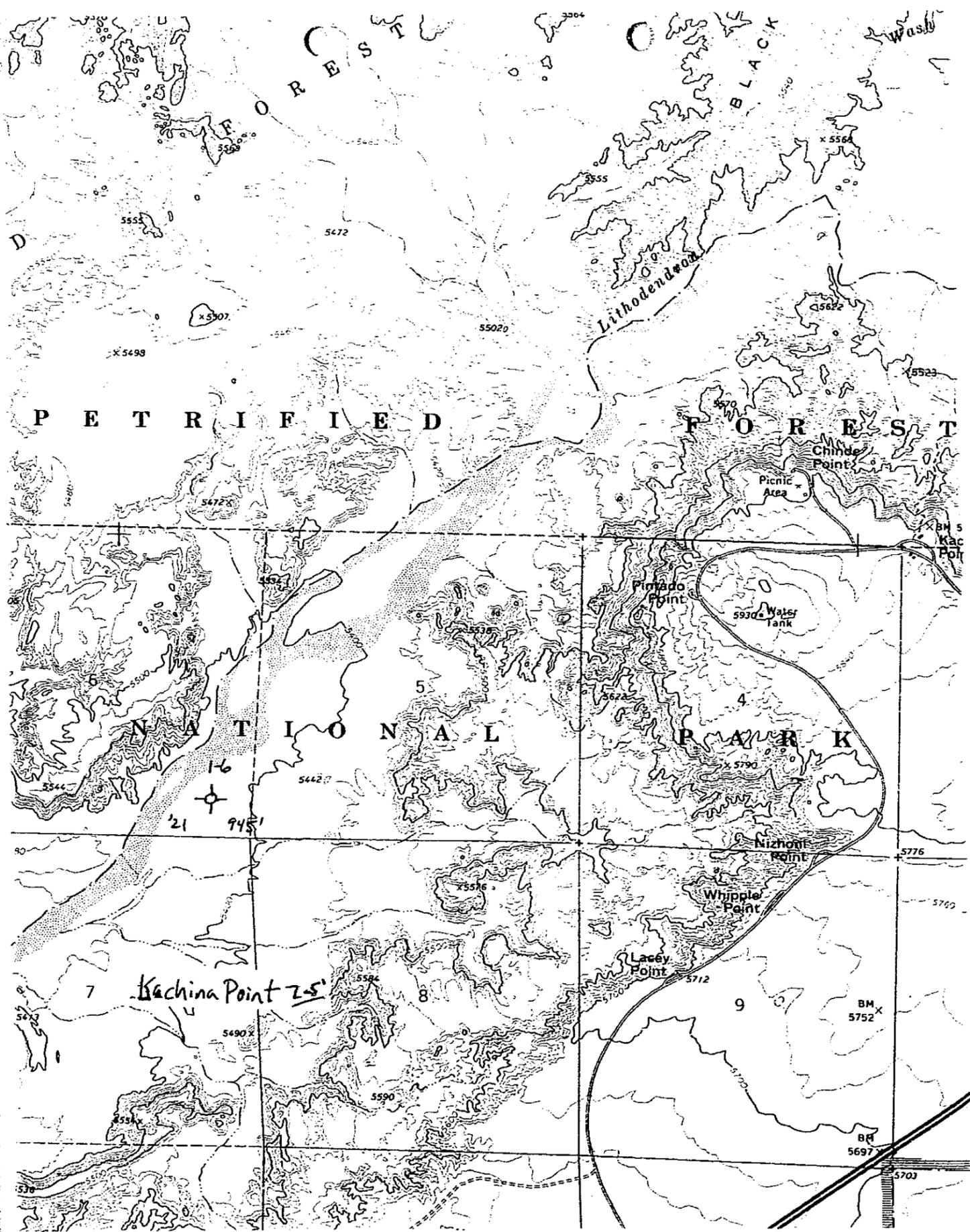
ZUNI, #1 - Sec. 6-119N-R24E.
A P A C H E C O U N T Y

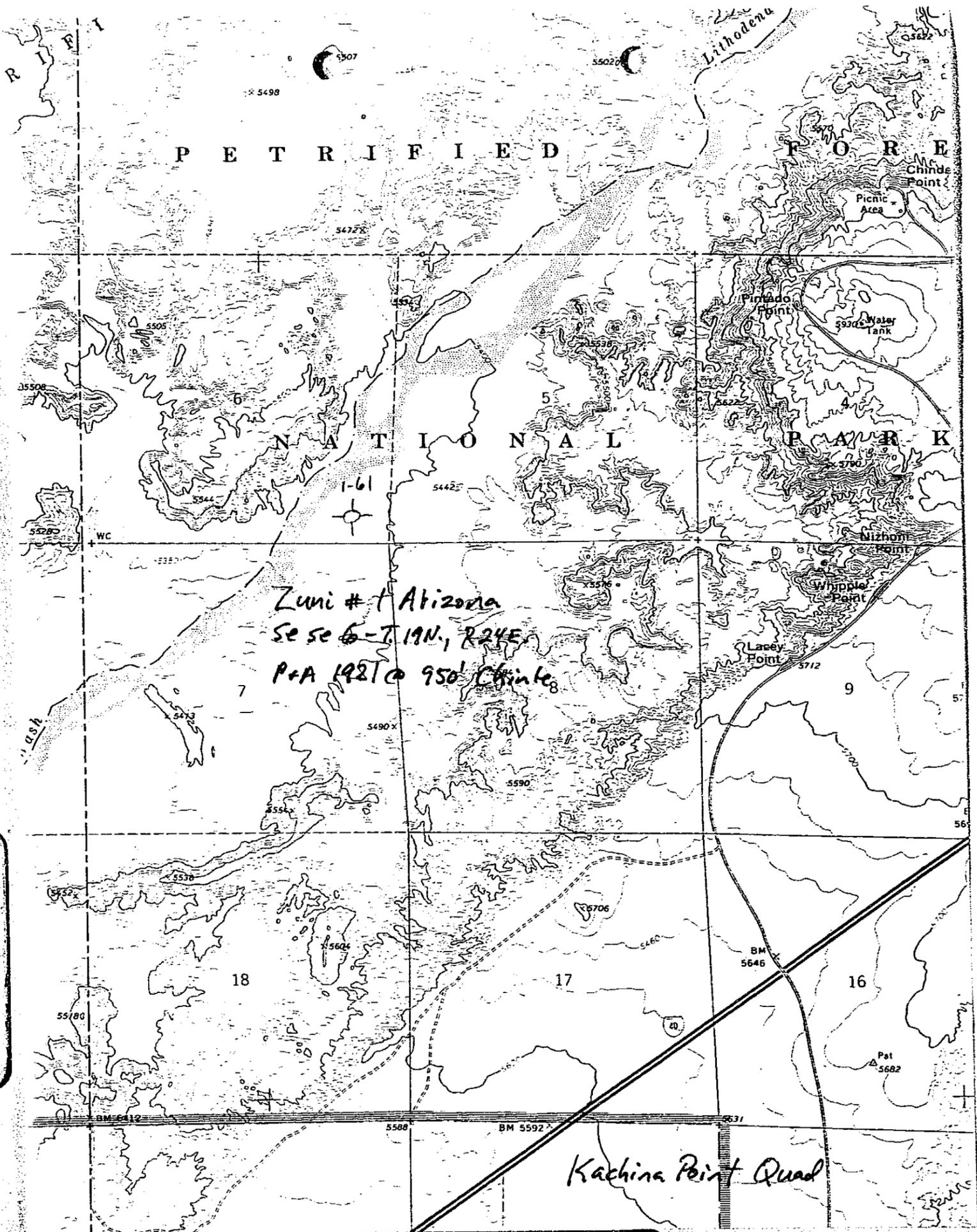
Zuni-Arizona Oil Company Well #1
 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921. Log from ABM files.

0	0	10	Soil
	10	18	Shale, blue
	18	22	Gravel, water
	22	32	Shale, blue
	32	35	Sand, water
	35	40	red rock
	40	55	Shale, blue
	55	63	Lime (Bastard)
	63	70	Shale, red
	70	80	Bastard lime, set 12" casing at 87'
	80	98	Sandy shale, water
	98	135	Shale, blue
	135	150	Red rock
	150	165	Shale, blue
	165	170	Red rock
	170	180	Lime, hard
	180	350	Red rock
	350 350	375	Shale, blue
	375	400	Red rock
	400	435	Shale, white
	435	465	Shale, brown
	465	480	Shale, blue, with lime shells
	480	500	Red rock
	500	506	Red shale
	506	509	Lime, gray
	509	520	Shale, red
	520	528	Soapstone
	528	538	Shale, white, sandy
	538	545	Pencil shale
	545	560	Shale, blue, set 10" casing at 560'
	560	618	Lime, gray
	618 618	635 635	Sand with lime shells, sharp
	618	635	Sand with lime shells, sharp
	635	700	Lime, brown with sandy streaks, <u>show oil</u>
	700	705 705	Lime, white
	700	705	Lime, white
	705	720	Shale, brown, with lime shells
	720	725	Lime, blue
	725	738	Lime, brown
	738	747	Lime, gray
	747	753	Sand, very sharp and tight
	753	775	Lime, gray
	775	800	Shale, brown
	800	808	Lime, sandy
	808	840	Shale, brown
	840	845	Lime, gray
	845	865	Shale, brown
	865	910	Red shale
	910	915	Lime, brown
	915	932	Shale, buff
	932	945	Sand, white, saltwater
	945		Sand, blue

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Chinle all the way.

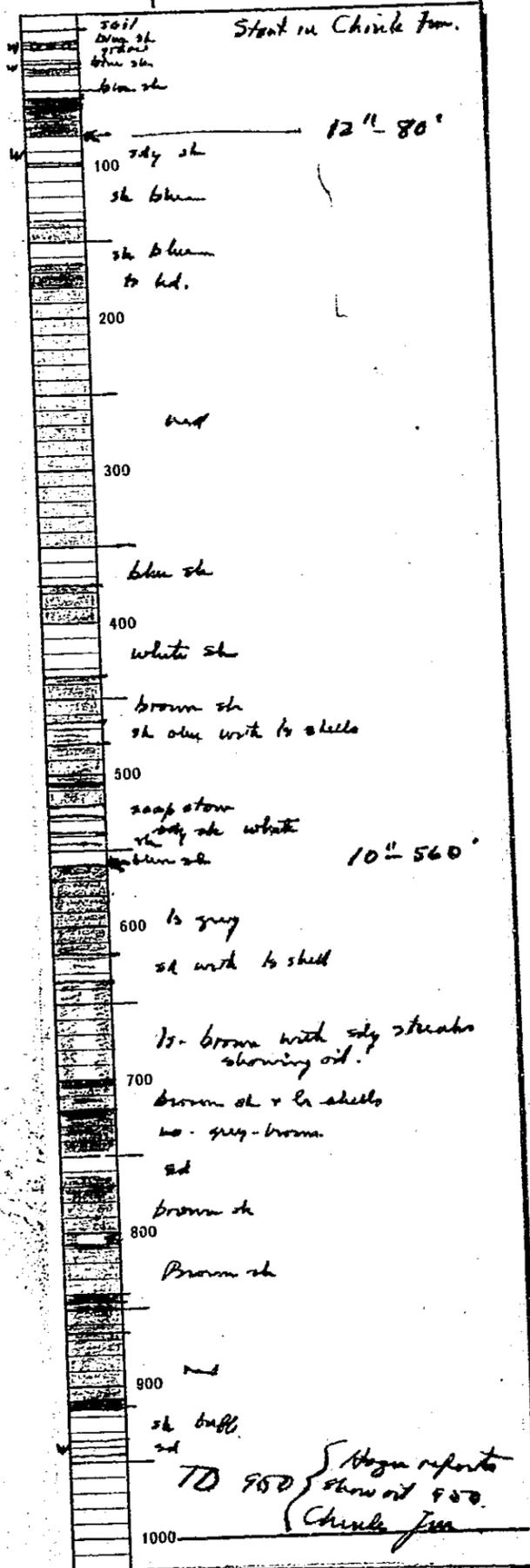




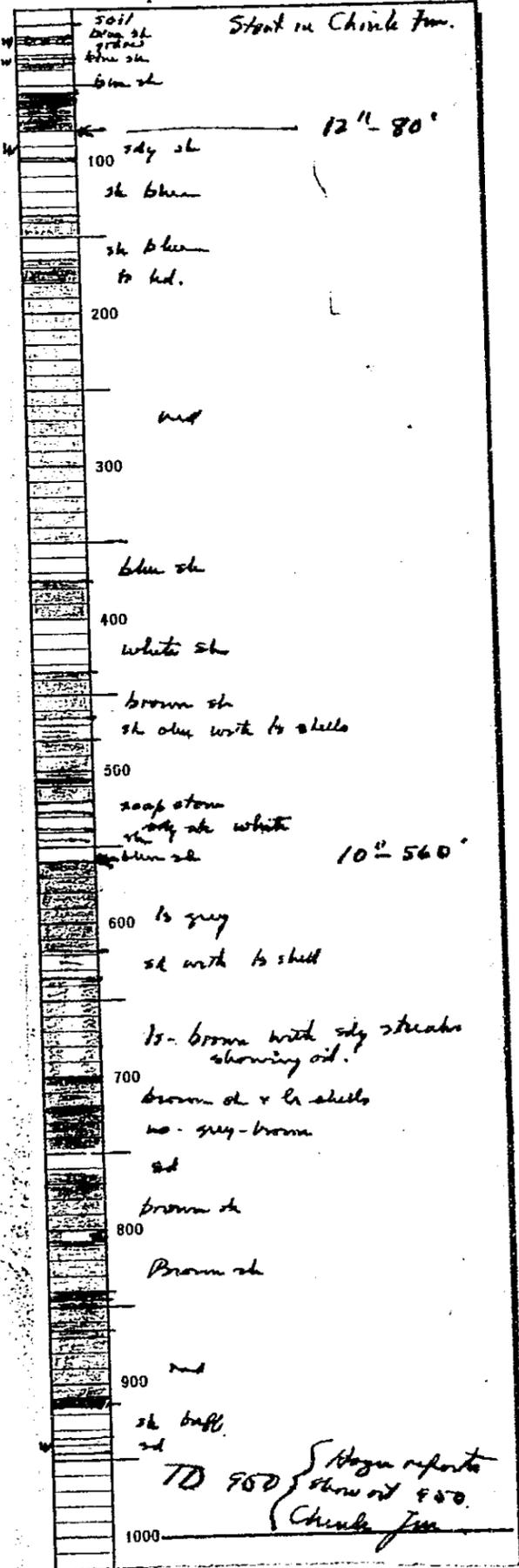
Zuni # Arizona
Se se 6-7 19N, R24E
P+A 1921 @ 950' Chinde

Kachina Point Quad

8E SE 6		APACHE Co.	
R.	19N 24E	June - April 67	COMPANY
		?	NO. 1a
		COMMENCED	19
		COMPLETED	19
ELEVATION	REMARKS: # 1-61		

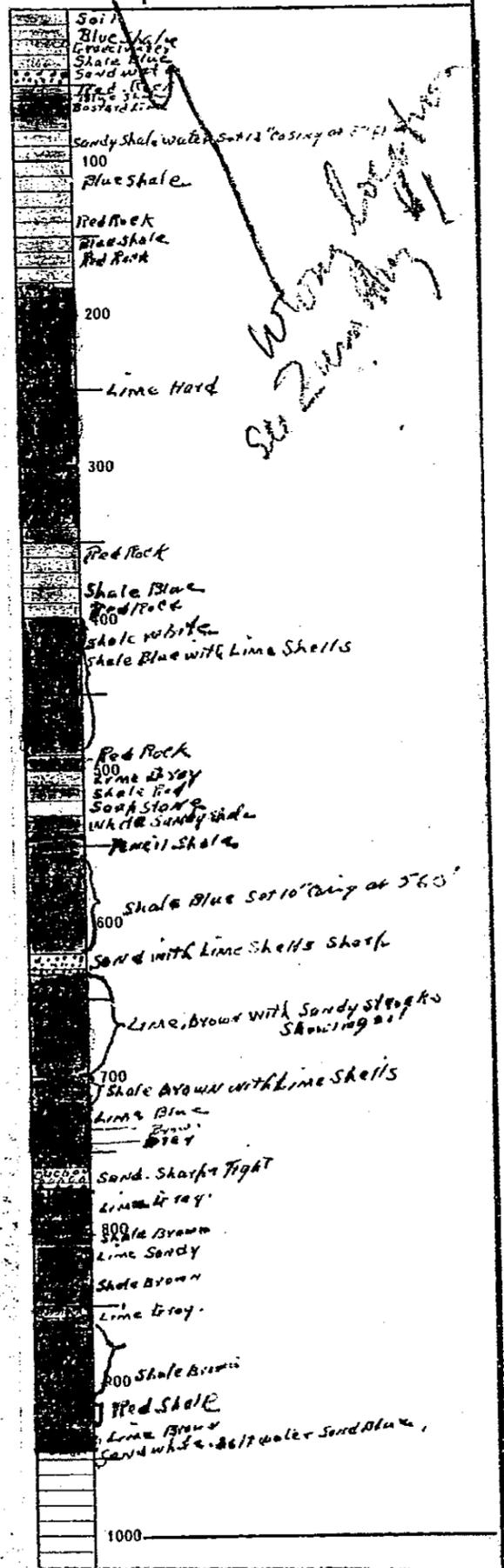


8E SE 6		APACHE Co.	
T.	R.	19 N 24 E	June-Ariz. Oil
			COMPANY
			NO. 12
		COMMENCED	19
		COMPLETED	19
ELEVATION		REMARKS: #1-61	



Zuni Well Navajo

T.	R.	COMPANY
14N	20	Zuni Oil Co
		NO.
		COMMENCED 19
		COMPLETED 19
REMARKS: Plotted 2-21-44		



Holbrook Oil Company. The well sunk by this company on the southern flank of the Holbrook monocline, about ten miles northwest of the Adamana hole, in Sec. 23, Township 15 N., Range 18 E, 21 miles southwest of Holbrook, was drilled to a depth of 2,400 feet in 1922.

The Jerome-Navajo Drilling Company. (Organized in 1924 to continue the Holbrook well). This company drilled to a depth of 3,775 feet in 1925. Traces of gas and oil were reported at that depth.

Hopi Oil Company. The well of this company, about half way between the Holbrook and Adamana holes, was carried down 2,500 feet. A few showings of gas were reported. This hole is in Sec. 21, Township 15 N., Range 19 E., about twenty miles southwest of Holbrook. The lower Paleozoic beds were not tested.

Great Basin Oil Company. This company, promoted by E. S. Taylor, sank its well in 1925 and 1926, considerably north of the Holbrook monocline, five miles southwest of Holbrook on a doubtful structure. The hole was carried down to a depth of 4,675 feet, and was drilled to within a few hundred feet of the base of the Paleozoic section. Traces of oil were reported at about 1,700 feet and again from 4,245 to the bottom of the hole.

Conclusion. The Holbrook monoclinial fold is a major structural feature of the region which extends in a southeasterly direction from between Clear and Chevelon creeks, south of the railroad to about eleven miles east of Snowflake, a distance of fifty miles. This structure has been tested only in one limited part, covering a distance on the strike of about 12 miles, and there by only two holes. At the points tested, definite traces of gas and oil were found at various horizons. The results achieved, although disappointing, are, notwithstanding, inconclusive.

ZUNI AREA

In this area, about twenty miles northeast of Holbrook, there exists a very gentle synclinal trough with minor crinklins, a structure not favorable for oil accumulation.

Oil Prospecting: One hole was put down by the *Zuni Oil Company* in Sec. 6, Township 19 N., Range 24 E., 22 miles northeast of Holbrook. The well was drilled over 1,000 feet deep and it was reported that a trace of oil was found at 950 feet. The hole started in Triassic and penetrated only the top Paleozoic sandstones.

LUPTON STRUCTURE

This structure, on the southern end of the Defiance Uplift, is a

1-61

Graham County Guardian and Gila Valley Farmer (Safford, Ariz.); reel commencing with April 1, 1927 (31st year, #7), continuing thru April 20, 1928:

Third reel, commencing May 10, 1929, and continuing thru April 11, 1930:

file 161
June 14, 1929, p. 3: Interesting account (by one W.B. Kelly) of a motor trip from Safford to Holbrook, evidently as publicity for radio station WBK, now at Holbrook but which will be broadcasting from Winslow and Tuba City during the present week. Also,

"One of the first fellows we met in Holbrook Sunday morning was our old friend T.H. Jordan, formerly of Morenci, who is president of the Zuni Oil Company, which has been wildcatting twenty miles north of Holbrook for the past five years. The well is now down nine hundred feet but is marking time now pending a decision in a law suit in the superior court of this county. There are a number of stockholders in the Zuni company in the Clifton-Morenci district who are willing to back Jordan to the limit. Every dollar of the stockholders' money has gone into the ground and the bringing in of a big oil well recently at Farmington, a twenty thousand barrel well, approximately 100 miles in a north-easterly direction, has revived interest in this wildcat territory around Holbrook."

ZUNI-ARIZONA OIL COMPANY WELL #1 APACHE COUNTY

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6-19N-24E TD 945' Drilled 1921, Log from ABM files.

0	10	Soil
10	18	Shale, blue
18	22	Gravel, water
22	32	Shale, blue
32	35	Sand, water
35	40	Red rock
40	55	Shale, blue
55	63	Lime (Bastard)
63	70	Shale, red
70	80	Bastard lime, set 12" casing at 87'
80	98	Sandy shale, water
98	135	Shale, blue
135	150	Red rock
150	165	Shale, blue
165	170	Red rock
170	180	Lime, hard
180	350	Red rock
350	375	Shale, blue
375	400	Red rock
400	435	Shale, white
435	465	Shale, brown
465	480	Shale, blue, with lime shells
480	500	Red rock
500	506	Red shale
506	509	Lime, gray
509	520	Shale, red
520	528	Soapstone
528	538	Shale, white, sandy
538	545	Pencil, shale
545	560	Shale, blue, set 10" casing at 560'
560	618	Lime, gray
618	635	Sand with lime shells, sharp
635	700	Lime, brown with sandy streaks, show oil
700	705	Lime, white
705	720	Shale, brown, with lime shells
720	725	Lime, blue
725	738	Lime, brown
738	747	Lime, gray
747	753	Sand, very sharp and tight
775	800	Shale, brown
800	808	Lime, sandy
808	840	Shale, brown
840	845	Lime, gray
845	865	Shale, brown
865	910	Red shale
910	915	Lime, brown
915	932	Shale, buff
932	945	Sand, white saltwater
945		Sand, blue

Chiale all the way