

P-M

Linehan & Stoltenberg / 1-23
NW/4-SW/4 Sec 23-19N-26E
Apache County 148

sl

COUNTY Apache AREA Pinta LEASE NO. Spurlock & Wetzler Fe

WELL NAME Lineham & Stoltenberg¹⁻²³ Spurlock & Wetzler

LOCATION NW SW SEC 23 TWP 19N RANGE 26E FOOTAGE 1868 FSL 242 FWL
ELEV 5770 per plat STATUS P&A TOTAL
5748+ GR KB SPUD DATE 7-13-61 COMP. DATE 7-2F61 DEPTH 990 PBT
5748+ GL from USGS 7 1/2 quad per CED

CONTRACTOR _____
CASING SIZE 5 1/2 DEPTH 120' CEMENT 18 sx LINER SIZE & DEPTH NA DRILLED BY ROTARY X
DRILLED BY CABLE TOOL _____
PRODUCTIVE RESERVOIR _____
INITIAL PRODUCTION P&A

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Coconino	985'		X	SEE FILE

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
NONE			SAMPLE DESCRP. _____ SAMPLE NO. _____ CORE ANALYSIS _____ DSTs _____

REMARKS Drilled with air (Close out file) APP. TO PLUG X
PLUGGING REP. X
COMP. REPORT _____

WATER WELL ACCEPTED BY _____

BOND CO. Maryland Casualty Co. BOND NO. 90-113178

BOND AMT. \$ 10,000 CANCELLED 11-2-62 DATE _____ ORGANIZATION REPORT X

FILING RECEIPT 9264 LOC. PLAT X WELL BOOK X PLAT BOOK X

API NO. 02-001-05112 DATE ISSUED _____ DEDICATION N/2 SW/4

PERMIT NUMBER 148

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION
PHOENIX, ARIZONA

Form O & G 56

Form Prescribed Under Oil and Gas Conservation Act of 1951

ABANDONMENT AND PLUGGING RECORD

(Within thirty days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commission, setting forth in detail the method used in plugging the well.)

PLUGGING METHODS AND PROCEDURE- - The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore when ever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) An uncased hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

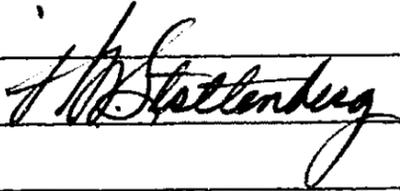
Operator Linehan & Stoltenberg Field Wildcat
Pool _____
County Apache

Address all correspondence concerning this form to: Linehan & Stoltenberg
Street: P. O. Box 969 City: Midland State: Texas
Lease Name Spurlock & Wetzler Well No. 1-23 Sec. 23 Twp. 19N Rge. 26E
Date well was plugged July 21, 19 61
Was the well plugged according to regulations of the Commissioner? Yes
Set out method used in plugging well and record of casing pulled: _____

56'

A ~~50~~' cement plug placed from 990'-934', heavy mud from 934'-50', and

cement plug 50'-surface. 5 1/2" casing to 120' left in hole.



(AFFIDAVIT)

STATE OF ~~ARIZONA~~ TEXAS
COUNTY OF MIDLAND

Linehan & Stoltenberg
(Operator)

Before me, the undersigned authority, on this day personally appeared H. W. Stoltenberg,
partner, known to me to be the person whose name is subscribed
to the above instrument, who being by me duly sworn on oath states that he is authorized to
make this report and has knowledge of the facts stated herein and that said report is true and
correct.

Subscribed and sworn to before me this the 28 day of July 19 61


Notary Public V. A. BECKMAN

My Commission expires:

6/1/63

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION
PHOENIX, ARIZONA

Form O & G 55

Form Prescribed Under Oil and Gas Conservation Act of 1951
APPLICATION TO ABANDON, PLUG, DEEPEN, SIDETRACK OR PERFORATE

(After Well has Once Been Completed)

INSTRUCTIONS: - - File in duplicate with Commissioner. One copy will be returned with approval or denial.

FIELD: Wildcat
OPERATOR: Linehan & Stoltenberg ADDRESS Box 969, Midland, Texas
LEASE: Spurlock & Wetzler WELL NO. 1-23 COUNTY Apache
SURVEY: Gila & Salt River SECTION 23 DRILLING PERMIT NO. 148
LOCATION: 1868 feet North of the South line and 242 feet East of the West
line of Section 23, Township 19 North, Range 26 East.

TYPE OF WELL: Dry Hole TOTAL DEPTH 990'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)
LAST PRODUCTION TEST: OIL _____ (Bbls.) Water _____ (Bbls.)
GAS _____ (M.C.F.) DATE OF TEST _____

PRODUCING HORIZON None PRODUCING FROM: _____ TO _____

1. COMPLETE CASING RECORD: 5 1/2" - J-55 - 15.5# cemented at 120 feet
with 18 sacks - circulated.

2. FULL DETAILS OF PROPOSED PLAN OF WORK: A 50-foot cement plug will be
placed from 940-990 feet. Heavy mud will fill the hole up into the
surface casing, and a 50-foot plug will be put in the casing. (This
well was drilled with air and no water-bearing sands were encountered
below the surface casing, except the Coconino at 985')

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O & G 51.

If well is to be abandoned, does proposed work conform with requirements of Rule 26?
Yes. If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: July 21
NAME OF PARTY DOING WORK: W. T. Myers Drilg. Co. ADDRESS Albuquerque, N.M.
CORRESPONDENCE SHOULD BE SENT TO: Linehan & Stoltenberg

NAME: H. W. Stoltenberg

TITLE: Partner

APPROVED: 20th DAY OF July 1961.

DENIED: _____ DAY OF _____ 19____.

OIL & GAS CONSERVATION COMMISSION

BY: Brooks Piner

148

SAMPLE DESCRIPTION

LINEHAN & STOLTENBERG
#1-23 Spurlock & Wetzler
1868'SL & 242'WL Sec. 23-19N-26E
Apache County, Arizona

Elevation: 5770'
Total Depth: 990'
5½" Csg. @ 120' w/18 sx.
Test drilled with air.

120-30	80% rd shale	20% gry shale	
130-40	20	80	
140-50	100		
150-60	100		
190-10	100	(sdy)	
210-30	70	30	
230-70	80	20	(Bent.)
270-00	60	20	20% grn shale
300-90	100% variegated shales		
390-20	80% rd shale		20
420-80	100% variegated shales		
480-20	"	(prdom. maroon)	
520-90	"		
590-50	"		
650-60	60		40% gry fgr ss
660-70			100
670-80	60		40
680-00	100% Maroon shale		
700-50	" Variegated shales		
750-60	80		20% Gry mgr ss
760-70	60		40 Wh
770-80	80		20
780-985	100% variegated shales.		
985-90			80% Bu-wh mgr ss

Top of Coconino = 985'

SAMPLE DESCRIPTION

LINDMAN & ST. JOHNSBERG
 #1-23 Sparlock & Wetzier
 1868'BL & 242'WL Sec. 23-19N-26E
 Apache County, Arizona

148

Elevation: 5770'
 Total Depth: 990'
 3 1/2" Csg. @ 120' w/18 cu.
 Test drilled with air.

120-10	80% rd shale	20% gry shale	
130-40	20	80	
140-80	100		
150-100	100		
160-10	100	(sdy)	
210-20	70	30	
230-70	80	20	(Bent.)
270-00	60	20	20% grn shale
300-90	100% variegated shales		
390-20	80% rd shale		20
420-80	100% variegated shales		
480-20	"	(prdom. maroon)	
520-90	"		
590-50	"		
650-80	60		40% gry fyr ss
660-70			100
670-80	60		40
680-00	100% Maroon shale		
700-30	"	Variegated shales	
750-60	80		20% Gry mgr ss
760-70	60		40 Wh
770-80	80		20
780-985	100% variegated shales.		
985-90			80% Br-th mgr ss

Top of Coconino - 985'

5770
 985

 4585

P. I card

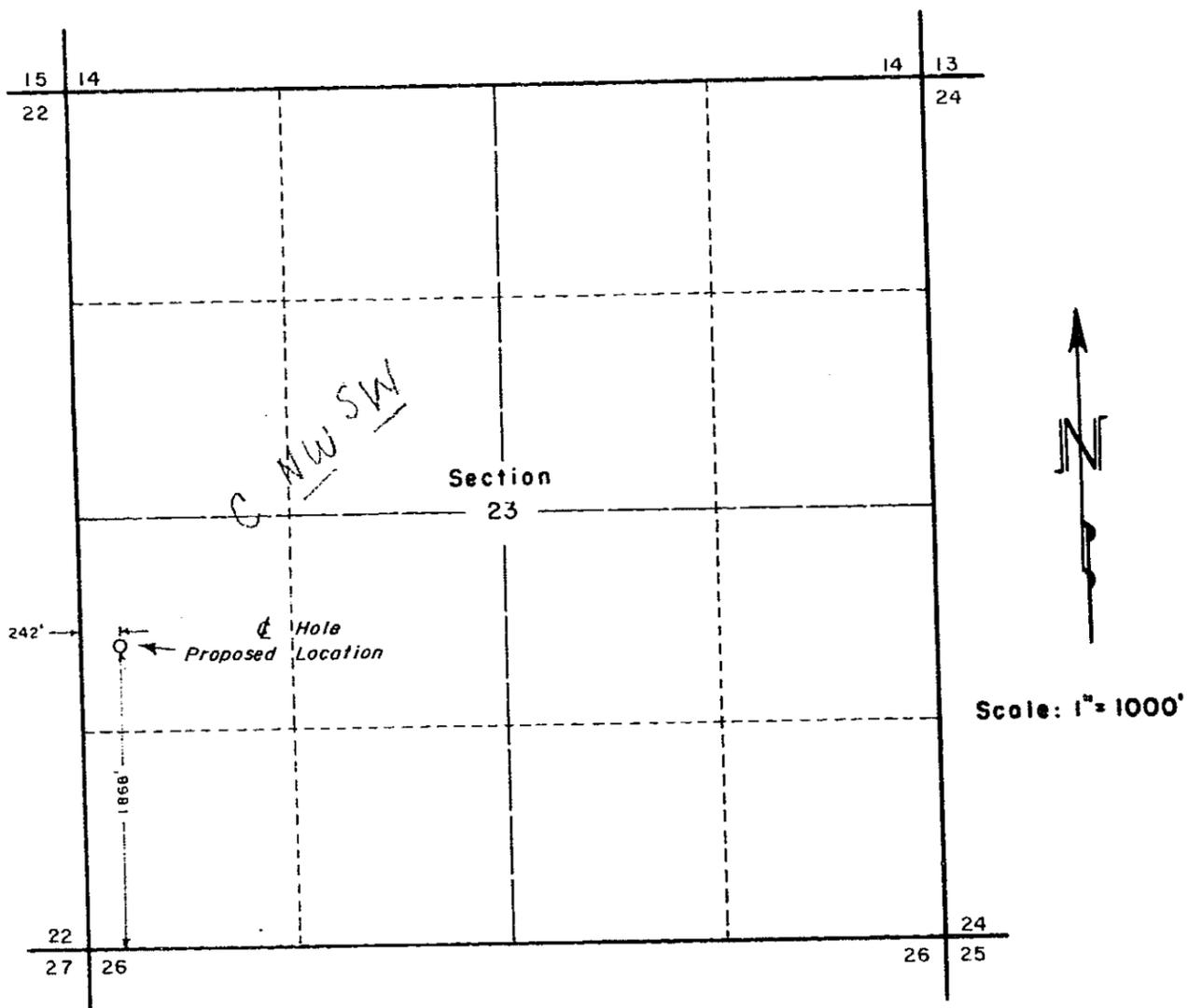
Top Co Co. 975 - 4795

(1) ^{pin} 23-19N-26E 8-01
1868' FSL-242' FWL
Linahan & Stoltenberg
Spurlock-Wetzler #1-23

WILDCAT, Pinta Dome Area; proposed Coconino test; C/W. T.
Myers Drlg Co. Albuquerque, N.M.; elev 5770' GL; set 5 1/2" cs
120'/16 sx; TD 990'; D.P&A 7-21-61. FINAL REPORT.

09A 148

CERTIFICATE OF SURVEY



WELL LOCATION: Linehan-Stoltenberg-Spurlock & Wetzler # 1-23

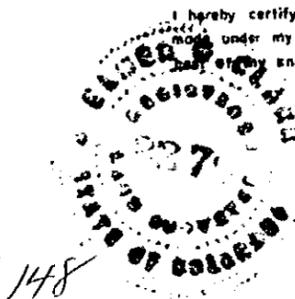
Located 1868 feet North of the South line and 242 feet East of the West line of Section 23,
 Township 19 North, Range 26 East Gila & Salt River Meridian.
 Apache Co., Arizona
 Existing ground elevation determined of 5770 feet based on adjoining well elevations.

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

E. M. Clark
 E. MER. M. CLARK
 Registered Land Surveyor
 State of Colo (No. 2279)

E.M. CLARK & ASSOCIATES
 Durango, Colorado

June 30, 1961
 File No. 61046



APACHE COUNTY

ARIZONA

WILDCAT 9-20N-26E

Well: LINEHAN & STOLTENBERG #1-9 Spurlock-Wetzler Result: D&A
Loc'n: NW NE, 9-20N-26E, 990' FNL, 1650' FEL, 1200' Coco; C/Meyer

Spud: 4-21-61; Comp: 4-30-61; Elev 5745' grd; TD: 1217'
Casing: 5 1/2" 114'/14 sx
Comp Info: Core #1, 1194-1202', rec 8': 8' sd, pink, wet, NS; Core #2,
1202-08', rec 6': 6' sd, wet, A.A.;
Tops: None to be released.

Geo. Reinhart
OIL REPORTS

Date: 6-16-61

Card No.:

2 amr

01/2/47

September 14, 1965

Linehan & Stoltenberg
502 Midland Savings & Loan Bldg.
Midland, Texas

Re: Linehan-Stoltenberg #1-13 Spurlock Wetzler Fee well
SE/4NW/4 13-19N-26E, Apache County, Arizona, Permit 135

Linehan-Stoltenberg #1-21 Spurlock Wetzler Fee well
SW/4SE/4 21-20N-26E, Apache County, Arizona, Permit 136

Linehan-Stoltenberg #1-31 Spurlock Wetzler Fee well
SE/4NE/4 31-20N-26E, Apache County, Arizona Permit 137

Linehan-Stoltenberg #1-9 Spurlock Wetzler Fee well
NW/4NW/4 9-20N-26E, Apache County, Arizona, Permit 147

Linehan-Stoltenberg #1-23 Spurlock Wetzler Fee well
NW/4SW/4 23-19N-26E, Apache County, Arizona, Permit 148 ✓

Linehan-Stoltenberg #2-27 Spurlock Wetzler Fee well
NE/4NW/4 27-19N-26E, Apache County, Arizona, Permit 149

Linehan-Stoltenberg #1 Jaffers Fee well
SE/4SW/4 11-20N-21E, Navajo County, Arizona, Permit 158

Linehan-Stoltenberg #1 Matthews Fee well
NW/4SE/4 4-20N-21E, Navajo County, Arizona, Permit 211

Gentlemen:

On August 4, 1965 we wrote you concerning the filing of Well Completion Reports on the captioned wells. We also enclosed the necessary forms. Will you please file this information at your earliest convenience.

Yours very truly,

John Bannister
Executive Secretary
wr

Thorger
J/B
10-5-65

H8



SAMUEL P. GODDARD
GOVERNOR
LYNN LOCKHART
CHAIRMAN
R. KEITH WALDEN
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MEMBER
LUCIEN B. OWENS
MEMBER

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 502
1624 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

JOHN BANNISTER
EXECUTIVE SECRETARY
J. R. SPURLOCK
PETROLEUM GEOLOGIST

June 7, 1965

Linahan & Stoltenberg
Consulting Geologists
302 Midland Savings & Loan Building
Midland, Texas

Re: Linahan-Stoltenberg-Spurlock Wetzler #1-13
SE/4-NW/4 13-T29N-R26E, Apache County, Arizona
Permit 135

Linahan-Stoltenberg-Spurlock Wetzler #1-21
SW/4-SE/4 21-T20N-R26E, Apache County, Arizona
Permit 136

Linahan-Stoltenberg-Spurlock Wetzler #1-31
SE/4-NE/4 31-T20N-R26E, Apache County, Arizona
Permit 137

Linahan-Stoltenberg-Spurlock Wetzler #1-9
NW/4-NW/4 9-T20N-R26E, Apache County, Arizona
Permit 147

Linahan-Stoltenberg-Spurlock Wetzler #1-23
NW/4-SW/4 23-T10N-R26E, Apache County, Arizona
Permit 148

Linahan-Stoltenberg-Spurlock Wetzler #2-27
NE/4-NW/4 27-T10N-R26E, Apache County, Arizona
Permit 149

Linahan-Stoltenberg #1 Jeffers, SE/4-SW/4 11-T20N-R21E
Navajo County, Arizona
Permit 158

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FAMUEL P. GODDARD
GOVERNOR
LYNN LOCKHART
CHAIRMAN
R. KEITH WALDEN
VICE CHAIRMAN
ORNE LEWIS
MEMBER
LUCIEN B. OWENS
MEMBER



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1524 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5181

JOHN BANNISTER
EXECUTIVE SECRETARY
J. R. SCURLOCK
PETROLEUM GEOLOGIST

Page 2

Linehan-Stoltenberg
June 7, 1985

Linehan-Stoltenberg #1 Matthews NW/4-SE/4 4-T20N-R21E
Navajo County, Arizona
Permit 211

Our file for captioned well does not reflect that the required information has been submitted. Will you please forward to the office the following information:

Well Completion Report and copies of all logs
Forms are enclosed for your convenience.
Your earliest cooperation is appreciated.
Yours very truly,

John Bannister
Executive Secretary

Enclosure
cb

MS

August 10, 1964

Mr. C.M. Linahan
Linahan & Stoltenberg
Consulting Geologists
302 Midland Savings & Loan Bldg.
Midland, Texas

Dear Mr. Linahan:

In reviewing the files on the wells drilled by your company I find that we are in need of Completion Forms on each of the wells. Please find enclosed (8) forms for the files concerned.

RE: Sparlock-Wetzel	#1-21	File #136
RE: " "	#1-12	File #135
RE: " "	#1-31	File #137
RE: " "	#1-9	File #147
RE: " "	#1-22	File #148
RE: " "	#2-27	File #149
RE: # 1 Jeffers		File #150
RE: # 1 Matthews		File #151

Thank you for your early cooperation and if this office may assist you in any way will you please advise.

Very truly yours,

Bill Cooper
Records Section

Encl. Completion Forms

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November 2, 1962

Maryland Casualty Company
c/o Whyburn & Company
315 E. Missouri
El Paso, Texas

Re: C. M. Linshan & H. W. Stoltenberg Bond No. 80-713178

Gentlemen:

Linshan and Stoltenberg have satisfied our rules and regulations regarding the above drilling bond.

We know no reason why you cannot cancel it; therefore, it is agreeable with us that you do so.

Yours truly,

John K. Petty
Petroleum Geologist

cc Linshan and Stoltenberg
P. O. Box 968 - Midland, Texas

158
211
167
148
149
135
136
137
1

November 1, 1962

Oil and Gas Conservation Commission
3500 N. Central-Suite 221
Phoenix 12, Arizona

Re: C. W. Linehan &
H. W. Stoltenberg
Bond No. 90-713178

Gentlemen:

We have had on file with you a drilling bond for the above captioned concern.

We are desirous of cancelling this bond, however, the bonding company has advised us that in order to do so it will be necessary we have a letter from you agreeing to the cancellation of our Bond No. 90-713178 being a \$10,000.00 Blanket Drilling Bond in favor of the State of Arizona.

The letter should be addressed to Maryland Casualty Company, c/o Whyburn & Company, 315 E. Missouri, El Paso, Texas.

We will appreciate your cooperation in this matter.

Sincerely,

CHARLES E. IRVIN

by- *Margie Helman*

MH

July 20, 1961

Linehan and Stoltenberg
P. O. Box 969
Midland, Texas

Re: Linehan and Stoltenberg - #1-23, Spurlock
and Wetzler, Sec. 23, T 19 N, R 26 E.

Gentlemen:

Enclosed is your copy of Form OG 55, Application
to Abandon the above described test.

We are sorry that this resulted in a dry hole.

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme
enc 1

July 13, 1961

Linehan and Stoltenberg
P. O. Box 969
Midland, Texas

Re: #1-23 Spurlock & Wetzler, Sec. 23, T19N, R26E
#2-27 Spurlock & Wetzler, Sec. 27, T19N, R26E
Apache County, Arizona

Gentlemen:

We are enclosing your approved applications on the above described tests together with the receipt for \$50.00, the payment of Permits #148 and #149.

Also returned is your check No. 893 in the amount of \$25.00 which we do not need to use since both locations have been approved.

We wish you all the success in the world on these two ventures and I am looking forward to your call so I can drive out and visit with you.

Kindest personal regards,

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme
encs 4

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OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

3500 N. CENTRAL, SUITE 221

Phoenix 12, Arizona

CR 9-3397 CR 9-2731

D. A. JEROME
EXECUTIVE SECRETARY

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R. KEITH WALDEN
VICE CHAIRMAN

CHARLES KALIL, M.D.
MEMBER

LYNN LOCKHART
MEMBER

ROBERT B. NEWARD
MEMBER

July 8, 1961

Oil and Gas Conservation Commission
3500 North Central Avenue-Suite 221
Phoenix 12, Arizona

Re: Intent to Drill-Linahan and Stoltenberg
§1-23 Spurlock & Wetzler, Sec. 23, T19N, R 26 E,
§2-27 Spurlock & Wetzler, Sec. 27, T19N, R 26 E,
Apache County

Dear Brocks:

I am returning herewith the original and carbon copy of each of the Notice of Intention to Drill, each of which I have signed this date, and the Certificate of Survey that goes with each notice.

Very truly yours,

Anthony T. Deddens
ANTHONY T. DEDDENS

KTB/ms
Encs.

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
502 MIDLAND SAVINGS & LOAN BUILDING -- MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 969
MUTUAL 2-1659

July 7th, 1961

Mr. Brooks Pierce
Arizona Oil and Gas Commission
3500 N. Central Ave.
Phoenix, Arizona

Dear Brooks:

Enclosed is our check in the amount of \$25.00 to cover the permit on our proposed #1-23 Spurlock and Wetzler test, Apache County.

Now I am really confused. We forwarded, as you know, our check in the amount of \$50.00 to cover the fee on both #1-23 and #2-27. As I understand it we have the ok on #1-23 and are waiting on #2-27. It is my intention to write a letter to you regarding the problems we are confronted with on #2-27. May I suggest then that you hold up on the \$25.00 and \$50.00 checks until such time as it becomes clear what we can do on #2-27.

I would like to take this opportunity to thank you for your cooperation in expediting this matter for us. I will be looking forward to seeing you one of these days at one of the wells.

yours very truly,

Charley
C.M. Linehan

July 7, 1961

Mr. Anthony T. Daddona
P. O. Box 600
Hiboo, Arizona

Re: INTENT TO DRILL - LINCHAN AND STOLTENBERG
#1-23 Sparlock & Wetslar - Sec. 23, T19N, R26E, Apache Co.
#2-27 Sparlock & Wetslar - Sec. 27, T19N, R26E, Apache Co.

Dear Tony:

Enclosed are Forms 08 51 covering the two notices of intention to drill as described above.

I have examined the rules and regulations and could not find where their exact locations, as shown on the forms, were contrary to our 1951 Rules. Even though the #2-27 Sparlock and Wetslar is extremely close to the Tail acreage, they are within their rights according to my interpretation.

They apprised me that it would cost approximately \$10,000 to build an access road to where they would prefer to stake the location; that is, the center of the NE $\frac{1}{4}$. They further apprised me that this is the only location that they could possibly get into on that Section. I suggested that they write us a letter indicating their cognizance of their extreme proximity to another lease and their willingness to discuss it with us, if we so desire.

They plan to drill the first test in Sec. 23 and move right on to Sec. 27; however, Mr. Linchan indicated that if the test in Sec. 23 is dry, they might possibly move up to a prospect near Holbrook.

We have, in Linchan and Stoltenberg, operators that have spent money in this State and, from all indications, have a program for future wells. I personally would like this office to do everything possible to make things easy for them, but certainly not to the detriment of other leaseholders. These operators have an Organization Report, filed with this office together with a blanket bond, in effect.

I am also enclosing the plat showing the exact footage, for your information, and would like these plats returned with

your approval of the notices at your earliest convenience.

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:ms
encl 6

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
508 MIDLAND SAVINGS & LOAN BUILDING → MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 967
MUTUAL 2 1659

July 6, 1961

Arizona Oil and Gas Commission
3500 North Central Ave
Phoenix, Arizona

Gentlemen:

Enclosed you will find location plats on our #1-23 and #2-27 Spurlock and Wetzler, Apache County, Arizona. Drilling permit applications on these proposed tests were forwarded to your office on July 3rd. At that time we did not have the location plats.

yours very truly,

C. M. Linehan
C.M. Linehan

CU/ds

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LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
508 MIDLAND SAVINGS & LOAN BUILDING - MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 964
MIDLAND, TEXAS 79702

July 3, 1961

Arizona Oil and Gas Commission
3500 North Central Ave.
Phoenix, Arizona

Attention: Mr. Brooks Pierce

Gentlemen:

In accordance with our telephone conversation, this date, please find enclosed drilling applications on our #1-23 and #2-27 Spurlock and Wetzler proposed tests, Apache County. These applications are accompanied by our check in the amount of \$50.00 to cover said applications. Survey has been conducted by Elmer Clark and Associates and proper survey plats will be furnished your office as soon as possible.

As explained to Mr. Pierce the badland topography surrounding these locations made it imperative that the submitted locations be made. Even at that it will be necessary for us to do road work to make accessible the location of #1-23. Any deviations from these locations will necessitate our not drilling subject tests.

We would like to commence drilling as soon as possible and will appreciate your usual cooperation as far as the granting of these permits are concerned.

The writer personally accompanied the surveyor in the staking of these locations and if it had been possible to make more regular locations would certainly have done so.

CML/ds

yours very truly,

C.M. Linehan
C.M. Linehan

s1

COUNTY Apache AREA Pinta LEASE NO. Spurlock & Wetzler

WELL NAME Lineham & Stoltenberg²⁻²⁷ Spurlock & Wetzler

LOCATION NE NW SEC 27 TWP 19N RANGE 26E FOOTAGE 51' FNL 2545 FWL
ELEV 5715 STATUS P&A TOTAL 957
5698' GL GR From USGS KB 7 1/2 quad per CED SPHD DATE 7-16-61 COMP. DATE 7-21-61 DEPTH 957

CONTRACTOR W. T. Myer Dig. Co., Albuquerque

CASING SIZE 5 1/2' DEPTH 150' CEMENT NA LINER SIZE & DEPTH _____
DRILLED BY ROTARY x
DRILLED BY CABLE TOOL _____
PRODUCTIVE RESERVOIR _____
INITIAL PRODUCTION P&A

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Coconino	935		X	

ELECTRIC LOGS <u>Induction</u>	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG SAMPLE DESCRP. _____ SAMPLE NO. _____ CORE ANALYSIS _____ DSTs _____

REMARKS Elevation 5715' gl. APP. TO PLUG x
PLUGGING REP. x
COMP. REPORT _____

WATER WELL ACCEPTED BY _____

BOND CO. Maryland Casualty Co. BOND NO. 90-113178
BOND AMT. \$ 10,000 CANCELLED 11-2-62 DATE _____ ORGANIZATION REPORT x
FILING RECEIPT 9264 LOC. PLAT x WELL BOOK x PLAT BOOK x
API NO. 02-001-05065 DATE ISSUED 7-8-61 DEDICATION All

PERMIT NUMBER 149

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION
PHOENIX, ARIZONA

Form O & G 56

Form Prescribed Under Oil and Gas Conservation Act of 1951

ABANDONMENT AND PLUGGING RECORD

(Within thirty days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commission, setting forth in detail the method used in plugging the well.)

PLUGGING METHODS AND PROCEDURE- - The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore when ever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) An uncased hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Operator Linehan & Stoltenberg Field Wildcat
Pool _____
County Apache

Address all correspondence concerning this form to: Linehan & Stoltenberg

Street: P. O. Box 969 City: Midland State: Texas

Lease Name Spurlock & Wetzler Well No. 2-27 Sec. 27 Twp. 19N Rge. 26E

Date well was plugged July 21, 19 61

Was the well plugged according to regulations of the Commissioner? Yes

Set out method used in plugging well and record of casing pulled: _____

57' cement plug placed 957-900', heavy mud 900'-550', cement plug 550-500,

heavy mud 500'-56', and cement plug 56' to surface. 118'-5 1/2" surface

left in hole.

H. W. Stoltenberg

(AFFIDAVIT)

STATE OF ~~ARIZONA~~ Texas
COUNTY OF Midland

Linehan & Stoltenberg
(Operator)

Before me, the undersigned authority, on this day personally appeared H. W. Stoltenberg,
a partner, known to me to be the person whose name is subscribed
to the above instrument, who being by me duly sworn on oath states that he is authorized to
make this report and has knowledge of the facts stated herein and that said report is true and
correct.

Subscribed and sworn to before me this the 28 day of July 19 61

V. A. Beckman
Notary Public V. A. BECKMAN

My Commission expires:

6/1/63

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION
PHOENIX, ARIZONA

Form O & G 55

Form Prescribed Under Oil and Gas Conservation Act of 1951
APPLICATION TO ABANDON, PLUG, DEEPEN, SIDETRACK OR PERFORATE

(After Well has Once Been Completed)

INSTRUCTIONS: - - File in duplicate with Commissioner. One copy will be returned with approval or denial.

FIELD: Wildcat
OPERATOR: Linehan & Stoltenberg ADDRESS Box 969, Midland, Texas
LEASE: Spurlock & Wetzler WELL NO. 2-27 COUNTY Apache
SURVEY: Gila & Salt River SECTION 27 DRILLING PERMIT NO. 149
LOCATION: 51' South of North Line & 2545' East of West Line of section.

TYPE OF WELL: Dry Hole TOTAL DEPTH 957'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)
LAST PRODUCTION TEST: OIL _____ (Bbls.) Water _____ (Bbls.)
GAS _____ (M.C.F.) DATE OF TEST _____

PRODUCING HORIZON None PRODUCING FROM: _____ TO _____

1. COMPLETE CASING RECORD: 5 1/2" - J-55 - 15.5# cemented at 118' with 16 sacks - circulated.

2. FULL DETAILS OF PROPOSED PLAN OF WORK: A 50' cement plug will be placed in bottom of hole, a second plug at 500-550', and a 50' plug at the surface. Heavy mud will fill the hole between plugs.

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O & G 51.

If well is to be abandoned, does proposed work conform with requirements of Rule 26?
Yes . If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: July 21, 1961
NAME OF PARTY DOING WORK: W. T. Myers Drlg. Co. ADDRESS Albuquerque
CORRESPONDENCE SHOULD BE SENT TO: Linehan & Stoltenberg

NAME: H. W. Stoltenberg

TITLE: Partner

APPROVED: 7th DAY OF Aug 1961.

DENIED: _____ DAY OF _____ 19____.

OIL & GAS CONSERVATION COMMISSION

BY: Brooks Price
Petroleum Geologist

149

OIL AND GAS CONSERVATION COMMISSION
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit must be granted before drilling begins

Oil and Gas Conservation Commission Phoenix Arizona 7/3 1961

In compliance with Statewide Rule 3, notice is hereby given that it is our intention to commence the work of drilling well No. 2-27 Spurlock Sec. 27,
and Wetzler
Twp. 19-N, Rge. 26-E B. & M., Wildcat Field
Apache County.

Legal description of lease All of Section 27, T-19-N, R-26-E
(attach map or plat to scale)

Location of Well: 51' FNL and 2545' FWL
(Give exact footage from section corners or other

legal subdivisions or streets)

Proposed drilling depth 950 feet. Acres in drilling unit 640

Has surety bond been filed? Yes. Is location a regular or exception to spacing rule? Exception?

Elevation of ground above sea level 5715' feet.

All depth measurements taken from top of Ground Elevation
(Derrick, floor, Rotary Table or

Kelly Bushing which is _____ feet above the ground.

PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight	Grade & Type	Top	Bottom	Cementing Depth
5 1/2"	15.5#	J-55	Gr.	150'est.	150'est.
2 7/8"	6.5#	J-55	Gr.	TD	TD

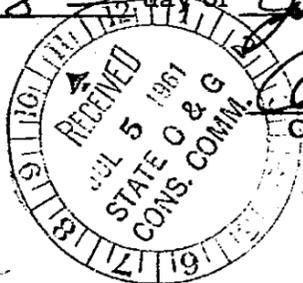
AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Linehan and Stoltenberg
(Applicant)

By C.M. Linehan C.M. Linehan
Application approved this 5th day of July 1961

Permit No. 149
3-62 1/10/58

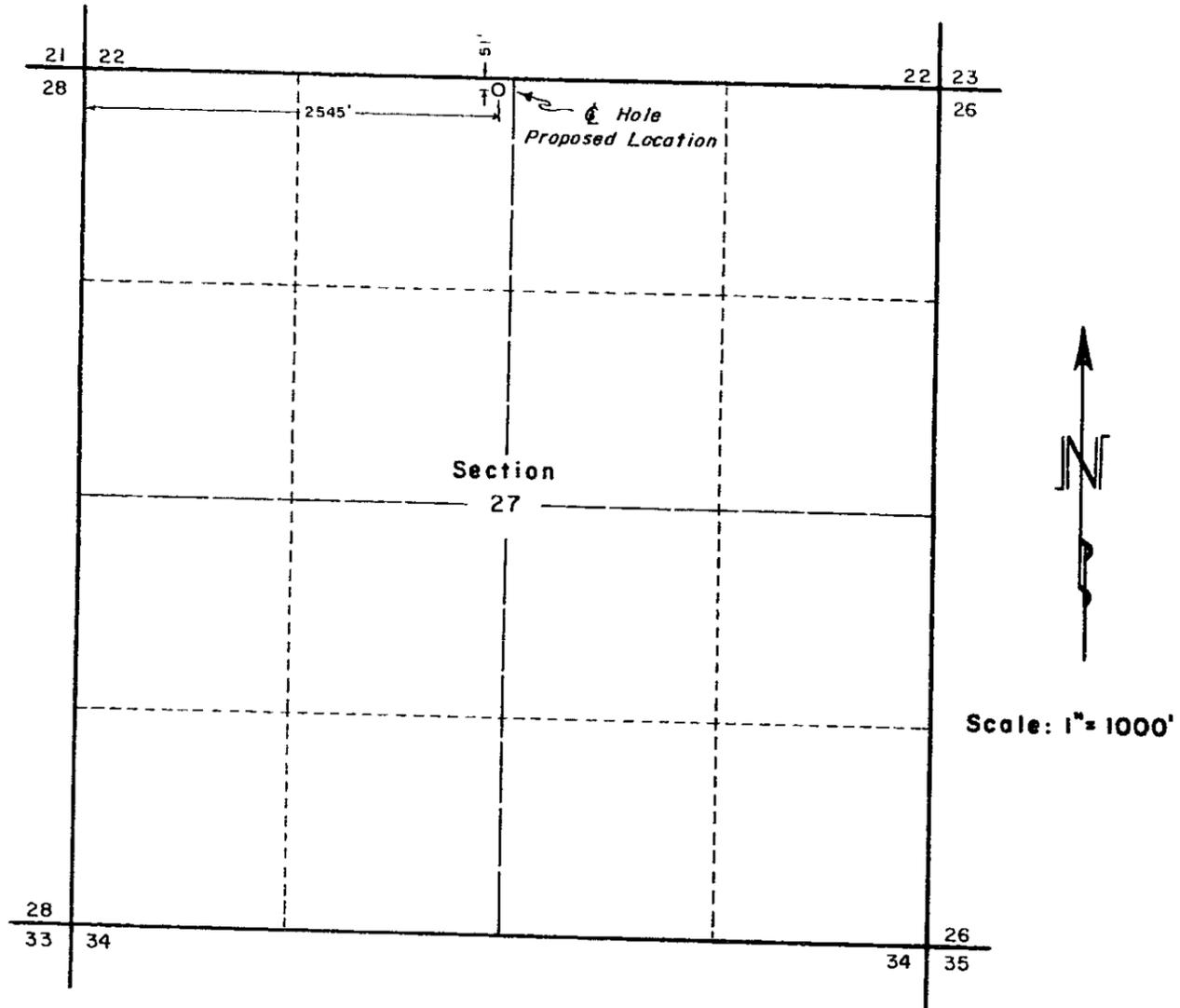


Anthony J. Dedder
Oil and Gas Conservation Commission

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CERTIFICATE OF SURVEY



WELL LOCATION: Linehan-Stoltenberg-Spurlock & Wetzler # 2-27

Located 51 feet South of the North line and 2545 feet East of the West line of Section 27,
 Township 19 North, Range 26 East, Gila & Salt River Meridian.
 Apache Co., Arizona
 Existing ground elevation determined at 5715 feet based on adjoining well elevations.

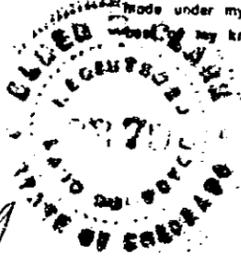
I hereby certify the above plot represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

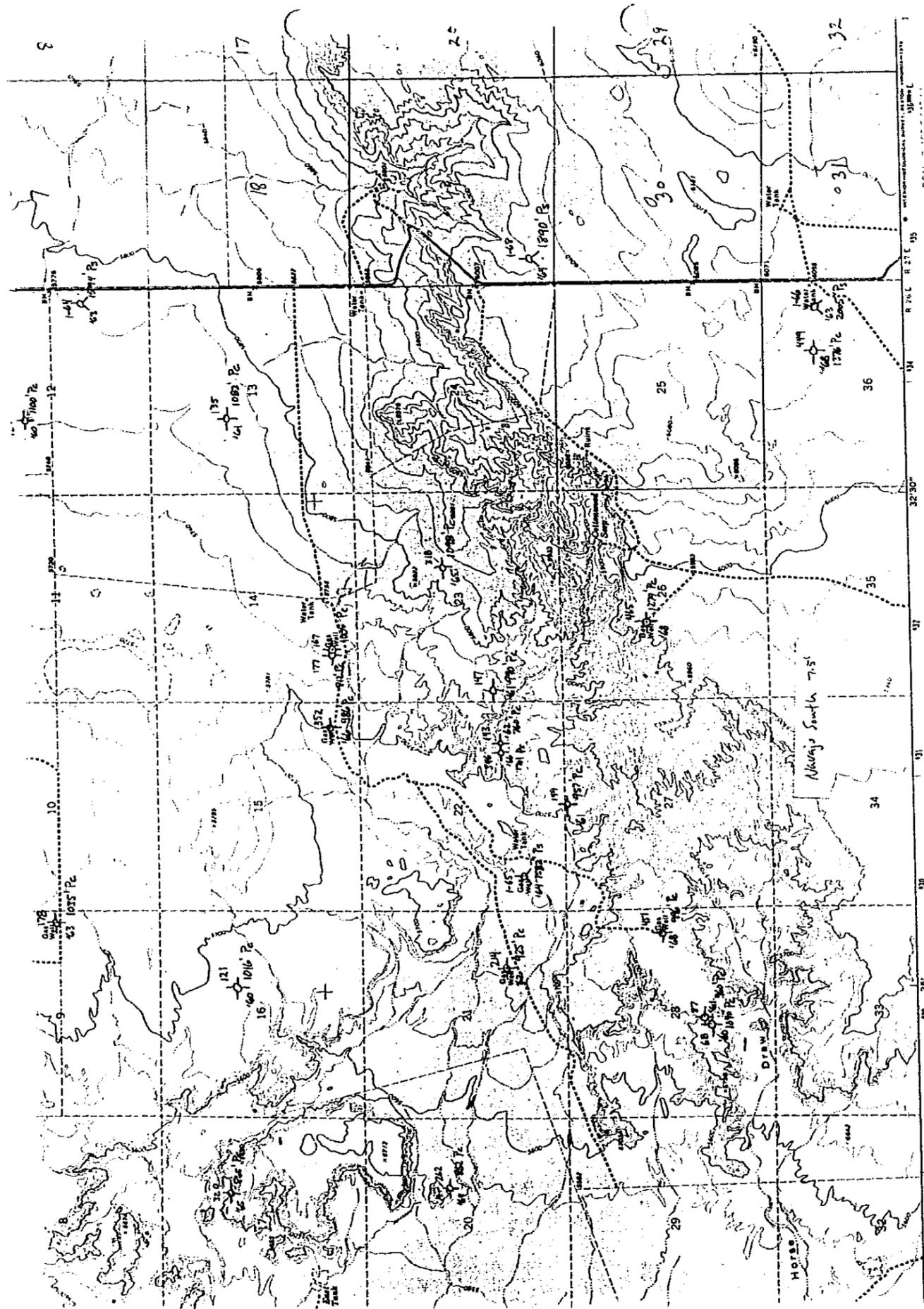
Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Colo (No 2279)

E.M. CLARK & ASSOCIATES
 Durango, Colorado

June 30, 1961
 File No 61046





SCALE 1:75,000

Geological Survey

September 14, 1965

Linehan & Stoltenberg
502 Midland Savings & Loan Bldg.
Midland, Texas

Re: Linehan-Stoltenberg #1-13 Spurlock Watsler Fee well
SE/4NW/4 13-19N-26E, Apache County, Arizona, Permit 135

Linehan-Stoltenberg #1-21 Spurlock Watsler Fee well
SW/4SE/4 21-20N-26E, Apache County, Arizona, Permit 136

Linehan-Stoltenberg #1-31 Spurlock Watsler Fee well
SE/4NE/4 31-20N-26E, Apache County, Arizona Permit 137

Linehan-Stoltenberg #1-9 Spurlock Watsler Fee well
NW/4NW/4 9-20N-26E, Apache County, Arizona, Permit 147

Linehan-Stoltenberg #1-23 Spurlock Watsler Fee well
NW/4SW/4 23-19N-26E, Apache County, Arizona, Permit 148

Linehan-Stoltenberg #2-27 Spurlock Watsler Fee well
NE/4NW/4 27-19N-26E, Apache County, Arizona, Permit 149 ✓

Linehan-Stoltenberg #1 Jeffers Fee well
SE/4SW/4 11-20N-21E, Navajo County, Arizona, Permit 158

Linehan-Stoltenberg #1 Matheva Fee well
NW/4SE/4 4-20N-21E, Navajo County, Arizona, Permit 211

Gentlemen:

On August 4, 1965 we wrote you concerning the filing of Well Completion Reports on the captioned wells. We also enclosed the necessary forms. Will you please file this information at your earliest convenience.

Yours very truly,

John Bannister
Executive Secretary
BT

Forgel this

JFB

10-5-65

149

SAMUEL P. GODDARD
GOVERNOR
LYNN LOCKHART
CHAIRMAN
N. KEITH WALDEN
VICE CHAIRMAN
ORRIN LEWIS
MEMBER
LUCIEN B. OWENS
MEMBER



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 506
1624 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-2161

JOHN BANNISTER
EXECUTIVE SECRETARY
J. R. SCURLOCK
PETROLEUM GEOLOGIST

June 7, 1968

Linehan & Stoltenberg
Consulting Geologists
502 Midland Savings & Loan Building
Midland, Texas

Re: Linehan-Stoltenberg-Spurlock Wetkler #1-13
SE/4-NW/4 13-T20N-R26E, Apache County, Arizona
Permit 135

Linehan-Stoltenberg-Spurlock Wetkler #1-21
SW/4-SE/4 21-T20N-R26E, Apache County, Arizona
Permit 136

Linehan-Stoltenberg-Spurlock Wetkler #1-31
SE/4-NW/4 31-T20N-R26E, Apache County, Arizona
Permit 137

Linehan-Stoltenberg-Spurlock Wetkler #1-9
NW/4-NW/4 9-T20N-R26E, Apache County, Arizona
Permit 147

Linehan-Stoltenberg-Spurlock Wetkler #1-23
NW/4-SW/4 23-T19N-R26E, Apache County, Arizona
Permit 148

Linehan-Stoltenberg-Spurlock Wetkler #2-27
NE/4-NW/4 27-T19N-R26E, Apache County, Arizona
Permit 149

Linehan-Stoltenberg #1 Jeffers, SE/4-SW/4 11-T20N-R21E
Navajo County, Arizona
Permit 168



SAMUEL P. GOODARD
GOVERNOR
LYNN LOCKHART
CHAIRMAN
R. KEITH WALDEN
VICE CHAIRMAN
ORME LEWIS
MEMBER
LUCIEN B. OWENS
MEMBER

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 902
1084 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

JOHN BANNISTER
EXECUTIVE SECRETARY
J. R. SCURLOCK
PETROLEUM GEOLOGIST

Page 2

Linehan-Stoltenberg
June 7, 1965

Linehan-Stoltenberg #1 Matthews NW/4-SE/4 4-T20N-R21E
Navajo County, Arizona
Permit 211

Our file for captioned well does not reflect that the required information has been submitted. Will you please forward to the office the following information:

Well Completion Report and copies of all logs

Forms are enclosed for your convenience.

Your earliest cooperation is appreciated.

Yours very truly,

John Bannister
Executive Secretary

Enclosure
cb

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August 10, 1964

Mr. C.M. Linahan
Linahan & Stoltenberg
Consulting Geologists
802 Midland Savings & Loan Bldg.
Midland, Texas

Dear Mr. Linahan:

In reviewing the files on the wells drilled by your company I find that we are in need of Completion Forms on each of the wells. Please find enclosed (6) forms for the files concerned.

RE: Sparlock-Wetzler	01-31	File #126
RE: " - "	01-13	File #125
RE: " - "	01-31	File #127
RE: " - "	01-0	File #147
RE: " - "	01-22	File #148
RE: " - "	02-27	File #149
RE: # 1 Jeffers		File #150
RE: # 1 Matthew		File #211

Thank you for your early cooperation and if this office may assist you in any way will you please advise.

Very truly yours,

Bill Cooper
Records Section

Encl. Completion Forms

149

November 2, 1962

Maryland Casualty Company
c/o Whyburn & Company
315 E. Missouri
El Paso, Texas

Re: C. M. Linehan & H. W. Stoltenberg Bond No. 80-713178

Gentlemen:

Linehan and Stoltenberg have satisfied our rules and regulations regarding the above drilling bond.

We know no reason why you cannot cancel it; therefore, it is agreeable with us that you do so.

Yours truly,

John K. Petty
Petroleum Geologist

cc Linehan and Stoltenberg
P. O. Box 969 - Midland, Texas

158
211
167
148
139
135
136
137

November 1, 1962

Oil and Gas Conservation Commission
3500 N. Central-Suite 221
Phoenix 12, Arizona

McI C. N. Linehan &
H. W. Stoltenberg
Bond No. 90-713178

Gentlemen:

We have had on file with you a drilling bond for the above captioned concern.

We are desirous of cancelling this bond, however, the bonding company has advised us that in order to do so it will be necessary we have a letter from you agreeing to the cancellation of our Bond No. 90-713178 being a \$10,000.00 Blanket Drilling Bond in favor of the State of Arizona.

The letter should be addressed to Maryland Casualty Company, c/o Rhyburn & Company, 315 E. Missouri, El Paso, Texas.

We will appreciate your cooperation in this matter.

Sincerely,

CHARLES R. ERVIN

by- *Margie Halman*

MH

149

July 13, 1961

Linehan and Stoltenberg
P. O. Box 969
Midland, Texas

Re: #1-23 Spurlock & Wetzler, Sec. 23, T19N, R26E
#2-27 Spurlock & Wetzler, Sec. 27, T19N, R26E
Apache County, Arizona

Gentlemen:

We are enclosing your approved applications on the above described tests together with the receipt for \$50.00, the payment of Permits #148 and #149.

Also returned is your check No. 893 in the amount of \$25.00 which we do not need to use since both locations have been approved.

We wish you all the success in the world on these two ventures and I am looking forward to your call so I can drive out and visit with you.

Kindest personal regards,

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme
encs 4

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
502 MIDLAND SAVINGS & LOAN BUILDING - MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 969
MUTUAL 2-1659

July 8, 1961

Mr. Brooks Pierce
Arizona Oil and Gas Commission
Phoenix, Arizona

Re: Our proposed test in Apache
County---#2-27 Spurlock and
Wetzler.

Dear Brooks:

As discussed with you, via telephone on July 7, 1961, we find no provision in the Rules and Regulations stipulating what distance a well must be located from the lease lines. Consequently, the proposed location even though only 51' from the lease line does not seem to be in violation of any rule set forth by your Commission.

Please be assured that we appreciate the courtesy and consideration extended by the Commission in the past. We, therefore, have no intention of attempting to take any advantage as concerns the omission of a specific distance from lease lines in the Rules and Regulations. As discussed with you we are confronted with a situation on Sections 23 and 27 which makes the drilling of any location practically impossible without the expenditure of a substantial amount of money for road construction. It is true that we can make a location in the NW $\frac{1}{4}$ of Section 27 without spending very much money for roads. On the other hand our only purpose in drilling is to attempt to find production and we do not feel that a location in the NW $\frac{1}{4}$ warrants our investigation. We have done a considerable amount of geological work in the area and feel that we have isolated several locations which have merit. Before making a ground-check of the Section 27 lease it was our intention to drill 1980' FEL and 1980' FNL. This is an impossible location. Accompanying the surveyor I walked out all of Section 27 and adjoining sections attempting to find a suitable way to get into the section. Because of the badland topography it appeared to me that we would spend a considerable sum on making a road--about four times as much as it would actually cost to drill the hole.

149

We have been in this business 25 years and consider ourselves to be prudent operators. Therefore, it was not, and is not, our intention to violate in any way shape or form any rules, regulations, or accepted unwritten common practices. We do feel strongly, however, that when an honest effort is made by an operator that cooperation by governing authorities makes for a more harmonious situation.

I believe that I expressed my personal evaluation of the whole situation to you regarding exploration in the area. Due to circumstances beyond the control of the State of Arizona, and ourselves, operating in the area is a bit frustrating. Certainly drilling must be considered to be in the pioneer stage. Any deterrents certainly put a damper on one's enthusiasm. We take an optimistic approach as far as the potentialities of the State is concerned. If we didn't we surely would not be putting up with the inconveniences. It is our intention to continue drilling in the State regardless of the outcome on our present holdings in the Pinta Dome area.

We ask that you re-consider the application of #2927 which is most definitely a wildcat in view of the fact that there is no production in the immediate area. In view of the fact we would like to drill this location as soon as possible and will have a rig in the area commencing Monday, July 10th, we would appreciate some word as soon as possible.

We wish to take this opportunity to once again thank you for your cooperation and trust that future relationships will be as pleasant as those extended to date.

yours very truly,

C.M. Linehan
C.M. Linehan

CML/ds



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
3500 N. CENTRAL - SUITE 221
Phoenix 12, Arizona
CR 9-3397 CR 9-2731

D. A. JEROME
EXECUTIVE SECRETARY

PAUL FANNIN
GOVERNOR

ANTHONY T. DEDDENS
CHAIRMAN

R. KEITH WALDEN
VICE CHAIRMAN

CHARLES KALIL M D
MEMBER

LYNN LOCKHART
MEMBER

ROBERT B. HEWARD
MEMBER

July 8, 1961

Oil and Gas Conservation Commission
3500 North Central Avenue-Suite 221
Phoenix 12, Arizona

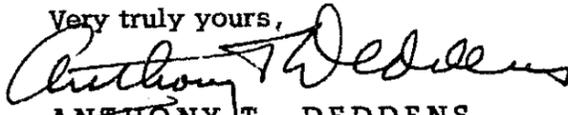
Re: Intent to Drill-Linehan and Stoltenberg

§1-23 Spurlock & Wetzler, Sec. 23, T19N, R 26 E,
#2-27 Spurlock & Wetzler, Sec. 27, T19N, R 26 E,
Apache County

Dear Brooks:

I am returning herewith the original and carbon copy of each of the Notice of Intention to Drill, each of which I have signed this date, and the Certificate of Survey that goes with each notice.

Very truly yours,


ANTHONY T. DEDDENS

ATD/ma
Encls.

July 7, 1961

Mr. Anthony T. Deddens
P. O. Box 600
Bisbee, Arizona

Re: INTENT TO DRILL - LINEHAN AND STOLTENBERG
#1-23 Spurlock & Wetzler - Sec. 23, T19N, R26E, Apache Co.
#2-27 Spurlock & Wetzler - Sec. 27, T19N, R26E, Apache Co.

Dear Tony:

Enclosed are Forms OG 51 covering the two notices of intention to drill as described above.

I have examined the rules and regulations and could not find where their exact locations, as shown on the forms, were contrary to our 1951 Rules. Even though the #2-27 Spurlock and Wetzler is extremely close to the Teil acreage, they are within their rights according to my interpretation.

They apprized me that it would cost approximately \$10,000 to build an access road to where they would prefer to stake the location; that is, the center of the NE $\frac{1}{4}$. They further apprized me that this is the only location that they could possibly get into on that Section. I suggested that they write us a letter indicating their cognizance of their extreme proximity to another lease and their willingness to discuss it with us, if we so desire.

They plan to drill the first test in Sec. 23 and move right on to Sec. 27; however, Mr. Linehan indicated that if the test in Sec. 23 is dry, they might possibly move up to a prospect near Holbrook.

We have, in Linehan and Stoltenberg, operators that have spent money in this State and, from all indications, have a program for future wells. I personally would like this office to do everything possible to make things easy for them, but certainly not to the detriment of other leaseholders. These operators have an Organization Report filed with this office together with a blanket bond, in effect.

I am also enclosing the plats showing the exact footage, for your information, and would like these plats returned with

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your approval of the notices at your earliest convenience.

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme
encs 6

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
808 MIDLAND SAVINGS & LOAN BUILDING → MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 989
MIDLAND 2-1659

July 7th, 1961

Mr. Brooks Pierce
Arizona Oil and Gas Commission
3500 S. Central Ave.
Phoenix, Arizona

Dear Brooks:

Enclosed is our check in the amount of \$25.00 to cover the permit on our proposed #1-23 Spurlock and Wetzler test, Apache County.

Now I am really confused. We forwarded, as you know, our check in the amount of \$50.00 to cover the fee on both #1-23 and #2-27. As I understand it we have the ok on #1-23 and are waiting on #2-27. It is my intention to write a letter to you regarding the problems we are confronted with on #2-27. May I suggest then that you hold up on the \$25.00 and \$50.00 checks until such time as it becomes clear what we can do on #2-27.

I would like to take this opportunity to thank you for your cooperation in expediting this matter for us. I will be looking forward to seeing you one of these days at one of the wells.

yours very truly,

Charley
C.M. Linehan

149

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
502 MIDLAND SAVINGS & LOAN BUILDING - MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 969
MUTUAL 2-1659

July 6, 1961

Arizona Oil and Gas Commission
3500 North Central Ave
Phoenix, Arizona

Gentlemen:

Enclosed you will find location plats on our #1-23 and #2-27 Spurlock and Wetzler, Apache County, Arizona. Drilling permit applications on these proposed tests were forwarded to your office on July 3rd. At that time we did not have the location plats.

yours very truly,

C. M. Linehan
C.M. Linehan

CML/ds

LINEHAN & STOLTENBERG
CONSULTING PETROLEUM GEOLOGISTS
502 MIDLAND SAVINGS & LOAN BUILDING - MIDLAND, TEXAS

C. M. LINEHAN
H. W. STOLTENBERG

P. O. BOX 969
MUTUAL 2-1659

July 3, 1961

Arizona Oil and Gas Commission
3500 North Central Ave.
Phoenix, Arizona

Attention: Mr. Brooks Pierce

Gentlemen:

In accordance with our telephone conversation, this date, please find enclosed drilling applications on our #1-23 and #2-27 Spurlock and Wetzler proposed tests, Apache County. These applications are accompanied by our check in the amount of \$50.00 to cover said applications. Survey has been conducted by Elmer Clark and Associates and proper survey plats will be furnished your office as soon as possible. *check at Halbrook*

As explained to Mr. Pierce the badland topography surrounding these locations made it imperative that the submitted locations be made. Even at that it will be necessary for us to do road work to make accessible the location of #1-23. Any deviations from these locations will necessitate our not drilling subject tests.

We would like to commence drilling as soon as possible and will appreciate your usual cooperation as far as the granting of these permits are concerned.

The writer personally accompanied the surveyor in the staking of these locations and if it had been possible to make more regular locations would certainly have done so.

CML/ds



yours very truly,

C.M. Linehan
C.M. Linehan