

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032511-D
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ANDERSON-RICHARD OIL CORP. Address Box 1697, Hobbs, New Mexico
Owner or Tract (Jal) Langlie Field Langlie-Mattix State New Mexico
Well No. D-3 Sec. 8 T. 25S R. 37E Meridian N.M.P.M. County Lea
Location 290 ft. (N.) of N. Line and 2310 ft. (E.) of E. Line of Sec. 8 Elevation 3181
(S.) (W.) (Ditto as close relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.

Signed

J. C. Clayton
Title District Clerk

Date November 30th, 1948

The summary on this page is for the condition of the well at above date.

Commenced drilling August 5th, 1948. Finished drilling August 24th, 1948.

~~EXPOSED~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2850 to 2930 (G) No. 4, from 2930 (G) to 2940 (G)
No. 2, from 2940 (G) to 2945 (G) No. 5, from 2945 (G) to 2950 (G)
No. 3, from 2950 (G) to 2955 (G) No. 6, from 2955 (G) to 2960 (G)

IMPORTANT WATER SANDS

No. 1, from 2960 (G) to 2965 (G) No. 3, from 2965 (G) to 2970 (G)
No. 2, from 2970 (G) to 2975 (G) No. 4, from 2975 (G) to 2980 (G)

CASING RECORD

Casing Size	Weight per foot	Tensile strength	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
40	3.7	3	Sils.	292					
30	3	3	Sils.	2930	Larkin				

MUDDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
292	100	H&M CO		
2930	100	H&M CO		

Flare plug—Material Length Depth set
 Adapters—Material None Size

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	None					

TOOLS USED

Tools were used from 0 feet to 3043 feet, and from feet to feet
 Tools were used from feet to feet, and from feet to feet

DATES

Started September 1911, 1911 Put to producing September 5th, 1911
 The production for the first 24 hours was 82 barrels of fluid of which % was oil; %
 water; and % sediment. Gravity, 26°
 Gas well, cu. ft. per 24 hours 22,982 Gallons gasoline per 1,000 cu. ft. of gas 15.5
 Rock pressure, lbs. per sq. in. 1100#

EMPLOYEES

C. A. Hackelman, Driller L. Whitley, Driller
W. F. Hackelman, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	305	305	Sand, Caliche & Red Beds
305	390	85	Red Bed
390	420	30	Blue Shale
420	590	170	Sand & Lime
590	740	150	Sand, Shale & Red Bed
740	1150	410	Red Bed & Lime
1150	1215	65	Sand
1215	1405	190	Red Bed & Salt
1405	2465	1060	Anhydrite & Salt
2465	2865	400	Lime
2865	2965	100	Sand
2965	3043	78	Sand & Lime.
			TOTAL DEPTH <u>3043</u>

(OVER)

19-1034-1

ROBERTS OFFICE COPY

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
032511-D
Lease No. P.J. Linglie
Unit Jal

SUNDAY NOTICES AND REPORTS ON WELLS

REPORT OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
REPORT OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
REPORT OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
REPORT OF INTENTION TO ADD FILL OR REPAIR WELL	SUBSEQUENT REPORT OF REPAIRING OR REPAIR
REPORT OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
REPORT OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
REPORT OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 9th, 1946

Well No. D-3 is located 990 ft. from N line and 2310 ft. from E line of sec. 5
T. 35 S. R. 25 E. 37 E. N.M.P.M.
 (Twp.) (Range) (Meridian)
Lea New Mexico
 (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3181 ft. approx.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

U.B. 3048'. 5-7/8" OD seamless casing was cemented at 2950' with 650 mesh cement. Casing was tested with 650 psi pressure before drilling out cement. Pressure decreased 0.4 in. 30 minutes. Temperature survey showed top of cement at 1200'.

Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company AMERICAN-RESEARCH OIL CORPORATION
 Address Box 1107
Lea, New Mexico
 By [Signature]
 Title Manager

FIELD OFFICE
(SUBMIT IN TRIPLICATE)Budget Bureau No. 42-7335.
Approval expires 11-30-46.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 032511-3
Unit P.J. Langlie
Jal

SUNDRY NOTICES AND REPORTS ON WELLS

INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	1
INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF FLOODING OR ACIDIZING	
INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 13th, 1943

Well No. D-2 is located 990 ft. from N line and 2310 ft. from E line of sec. 8
11 Sec. 8 25-S 37-E N.M.P.M.
(N Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Langlie-Latino Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3151 ft. approx.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

to 305'. IN-3/4" OD 40# 8 V Tld. Smls. Casing was cemented at 292' with 200 sacks cement. Casing was tested with 600# pressure before drilling out cement, pressure decreased 50# in 30 minutes, and was tested with 250# after drilling plug, before formation broke down.

Understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company ANDERSON-PRICHARD OIL CORPORATIONAddress Box 1697Lea, New MexicoBy [Signature]Title Placidist