

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032100
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEIACO Inc. Address PO Box 352 Midland, Texas
Lessor or Tract C.H. Lockhart NCT-1 Field Drinkard State New Mexico
Well No. 8 Sec. 18 T. 22-S R. 38-E Meridian 10PM County Lea
Location 660 ft. N. of S. Line and 660 ft. W. of E. Line of Sec. 18 Elevation 3381
(Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed J.M. Loof Title District Supt.
Date June 16, 1959

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

Commenced drilling May 15, 19 59 Finished drilling June 7, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6846 to 6992 No. 4, from 7100 to 7158
No. 2, from 7008 to 7023 No. 5, from _____ to _____
No. 3, from 7044 to 7058 No. 6, from _____ to _____
Drilled with rotary tools and no water sands tested.
IMPORTANT WATER SANDS
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	48.00	8r	H-40	375	Baker	none	none	none	surface
8 5/8	24.00	8r	J-55	2888	Baker	none	none	none	production
5 1/2	4.70	8r	J-55	7187	Baker	none	see above	none	production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	398'	550	Baker		
8 5/8	2901'	1200	Baker		
5 1/2	7200'	650	Baker		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 7200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 16, 19 59 Put to producing June 11, 19 59
The production for the first 24 hours was 99 barrels of fluid of which 97 % was oil; — %
emulsion; 3 % water; and — % sediment. Gravity, °Bé. 38.2

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M.F. Young, Driller L.L. Fraley, Driller
J.W. Dyer, Driller J.H. Dukeminier, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	148	148	Caliche
148	407	259	Red Bed
407	1250	843	Red Bed & Gyp
1250	1378	128	Red Bed & Anhy
1378	2490	1112	Anhy & Salt
2490	3682	1192	Anhy & Gyp
3682	3809	127	Anhy & Lime
3809	7200	3391	Lime
total depth	7200		
PBTD	7190		
		1468	top of salt
		2335	btm of salt
		1290	Anhy
		2616	Tates
		4008	San Andres
		5202	Florista
		6193	Tubbs
		6470	Drinkard

All measurements from rotary table or 12' above ground level.

Estimate No. 6386
3-federal 1-file
1-unit 1-field
1-NMocc 1-div

FORMATION

FROM—

—0.1

TOTAL FEET

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Deviation Record

200 800-3500

702	1
1008	1/2
1334	1/4
1651	1/4
1964	1/2
2213	3/4
2465	1
2861	1
3272	3/4
3639	1/2
3826	1/4
4228	1/4
4474	1/4
4721	1/2
5107	1
5508	1
5693	1
6003	1
6281	1
6465	1
6619	1/2
6928	1/2
7081	1/2
7200	3/4

HISTORY OF OIL OR GAS WELL

16-43094-2

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was 'sidetracked', or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling. Spudded 17½ hole 1:30 p.m. May 15, 1954. May 15, 1954. May 15, 1954.

Spended 17½ hrs 1:30 p.m., May 15, 1959. Run 375° at 13 3/8" o.d. casing and cemented at 366' with 550 cc regular cement. Plug at 378'. Drilled cement plug testing began and after with 600 psi for 30 minutes. Tested o.k. Job complete 11:15 a.m. May 16, 1959. Run 2888' or 8 7/8" o.d. casing and cemented at 366' with 550 cc regular cement. Plug at 378'. Drilled cement plug testing began and after with 600 psi for 30 minutes. Tested o.k. Job complete 11:15 a.m. May 16, 1959.

200 cc. regular cement. Cement elevated, plug at 287½. Drilled cement plug and tested before and after with 1000 PSI for 30 minutes. Tested o.k. Job complete. Men Electric Logs, June 7, 1959. 6:30 P.M. May 23, 1959.

Run 7187, at 5⁰⁰ o.d., casing and cemented at 7200' with 650 ex 4¹/₂ gal Incon.
Top of cement by temperature survey 3130', plug at 7165'. Drilled cement plug
testing before and after with 1500 PSI for 30 minutes. Tested o.k. Job complete
9:30 a.m. June 10, 1959.
Percutate 5⁰⁰ o.d., casing with 1¹/₂ gal Incon.

On 18 hr. PT ending 2:00 P.M. June 11, 1956.
Avoiding with 10,000 gals 15% MEA at 4.1 BPM, and stand well 10 hrs.
down tubing at 5.1 BPM. Job complete 1:00 P.M. June 11, 1956.
7161' with packer in casing at 6553'. Avoiding perforations with 5000 gals 15% MEA
7023', 7011' to 7058', and 7100' to 7158'. Run 7150' at 2 3/8" tubing and set at
6992', 7008' to 7023'.

On 18 hr. PT ending 2:00 a.m. June 15, 1959. Well flowed #2 B0 and 2 B1 thru 20/60" choke.

QOR - 563
Density - 38.2
Top of Pay - 6846;
Btm of Pay - 7158;
INOC Date - 6-7-59
THACO Inc. Date - 6-15-59