

Drilled to 14,985'. Plugged back from 14,985' to 14,985' with 78 sacks cement in open hole. Cement in open hole and bottom of 7" OD casing from 13,960' to 13,970'.

Perforated 7" casing from 13,770' to 13,771' with 4 shots per foot, attempted to acidize with 500 gals mud acid, packer failed; acidized with 500 gals mud acid with packer set at 13,655', packer leaking. Swabbed lead water. Acidized with 500 gals mud acid with packer set at 13,646'.

Plugged back in 7" casing from 13,770' to 13,645' with 30 sacks cement, perforated 7" casing from 12,572' to 12,586' with 4 shots per foot. Acidized with 500 gals mud acid.

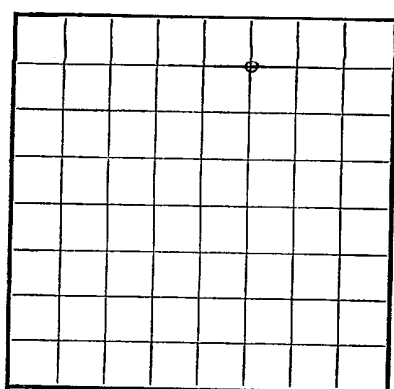
Plugged and Abandoned: Placed cement plug in 7" casing and over perforations from 12,572' to 12,586' with 12 sacks cement from 12,600' to 12,550'. Shot 7" casing off at 4029', pulled 123 joints, approximately 4000'. Placed cement plug in 7" casing from 6530' to 6470' with 12 sacks cement; from 4220' to 4100' with 24 sacks cement; in 7" and 9-5/8" casing from 4040' to 3940' with 40 sacks; in 9-5/8" casing 20' to surface with 8 sacks cement, with heavy mud between plugs. Welded 1/2" steel plate on top of casing with 4" pipe marker extending 4' above surface.

HOBBBS

U. S. LAND OFFICE Santa Fe, N. Mex.

HOBBBS OFFICE 066

LEASE OR PERMIT TO PROSPECT 1065607

1959 SEP 22 AM 10:36
UNITED STATESDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P.O. Box 2107, Fort Worth, Texas
Lessor or Tract Federal "C" Field Wildcat State New Mexico
Well No. 1 Sec. 4 T. 20S R. 34-E Meridian NMPM County Lea
Location 660 ft. XX of N. Line and 1962 ft. XX of E. Line of Section 4 Elevation 3646' SCF
(Derriok 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. L. Suttle Title Chief Clerk

Date August 26, 1959

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

Commenced drilling December 27, 1958 Finished drilling July 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 13697' to 13741' G No. 4, from _____ to _____
No. 2, from 12572' to 12586' G No. 5, from _____ to _____
No. 3, from 3720' to 3850' No. 6, from _____ to _____

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" OD	4.84	8	Natl.	13915'	Baker	13697'	13697'	13741'	See below
9-5/8" OD	2.88	8	Natl.	13915'	Baker	12572'	12572'	12586'	
7" OD	32, 29, 26	8R & RT	Natl.	13915'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8" OD	499'	525	Pump & Plug	*sacks cement	neat 1st stage, 2400 cu.
9-5/8" OD	4801'	300 cu. ft. 75% cement 25% water	" "	" "	ft. 50% cement & 50% Diamix
7" OD	13913'	Stratacrete & 200 *	" "	" "	2nd stage.

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 14985 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19____ Dry, Plugged & Abandoned
Put to producing August 20, 1959

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. W. Everett, Driller L. S. Strother, Driller
M. Blum, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6	6	SCF - Bottom Cellar
6	45	39	Caliche
45	320	275	Red Rock
320	1023	703	Red Bed
1023	1380	357	Red Rock & gypsum
1380	1680	300	Redbed
1680	2025	345	Anhydrite & gypsum
2025	2370	345	Anhydrite & salt
2370	2714	344	Anhydrite & gypsum
2714	3237	523	Anhydrite & salt
3237	3892	655	Anhydrite & lime
3892	3944	52	Lime
3944	4076	132	Lime & anhydrite
4076	4217	141	Lime
4217	4234	17	Lime & anhydrite
4234	4292	58	Lime
4292	4318	26	Lime & anhydrite
4318	5710	1392	Lime
5710	5780	70	Sand & lime
5780	5986	206	Lime
5986	5996	10	Sand
5996	6190	194	Lime & Sand
6190	6265	75	Lime, sand & shale
6265	7707	1442	Lime & sand
7707	7775	68	Lime
7775	7969	194	Lime & sand

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

Company _____
Location _____
Date _____
The summary on this page is for the condition of the well at above date.
Completed drilling _____
Finished drilling _____
Signed _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

CASING RECORD

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 the results. If there were any changes made in the casing, state fully, and if any casing was checked or left in the well, give its size and location. If the well has been dynamited, give date, 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 bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Amount of mud used _____
Kind of mud used _____
Method used _____
Water used _____
Number sacks of cement _____

PLUGS AND ADAPTERS

Heavy plug—Material _____
Size _____
Depth _____

SHOOTING RECORD

Size _____
Shell used _____
Explosive used _____
Quantity _____
Date _____
Depth shot _____
Feet shelled out _____

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
Gravity, _____
It gas well, on 10 per 24 hours _____
Rock pressure, _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
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99	99	99	99
100	100	100	100

FORMATION RECORD—Continued