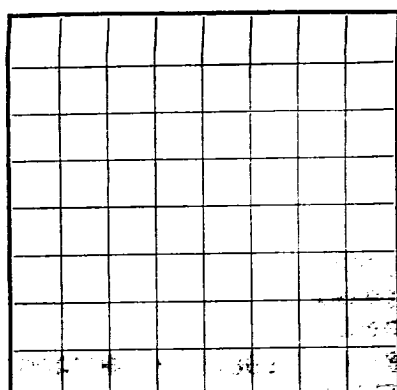


Form 9-330

U. S. LAND OFFICE Artesia
SERIAL NUMBER LC 029009-a
LEASE OR PERMIT TO PROSPECT LeaseRECEIVED
OCT 25 1963U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

OCT 28 1963

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Odessa Natural Gasoline Co. Address Box 3908, Odessa, Texas
Lessor or Tract Federal Deed Field Undesignated State New Mexico
Well No. 1 Sec. 24 T. 20S R. 29E Meridian 104N County Eddy
Location 560 ft. N. of 5 Line and 560 ft. E. of W. Line of Sec. 24 Elevation 3325'
(Denote 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 W. P. Tadlock

Date October 23, 1963 Title Production Superintendent

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

Commenced drilling May 18, 1963 Finished drilling October 3 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12,102 to 12,229' (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
20"	84#	8 rd	Nat'l	380'	Baker				Surface
13-3/8"	48#	8 rd	J & L	1102'	Baker				Salt string
9-5/8"	38#	8 rd	J & L	376'	Baker				Intermediate
7"	32#	8 rd	J & L	13104'	Baker		12,102	12,229	Oil String
	29#								
	26#								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	380'	755'	Pap & Plug	N O N E	
13-3/8"	1102'	1175'	Pap & Plug	N O N E	
9-5/8"	376'	1515'	Pap & Plug	N O N E	
7"	13104'	800	Pap & Plug	N O N E	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Baker Cnt Retainer set @ 13,017'. Squeezed below w/80
Size sks neat to 5500 psi. Dumped 34 sks neat on
SHOOTING RECORD top of retainer. PSTD 12,817'

TOOLS USED

Rotary tools were used from 0 feet to 13,415' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 23, 1963 Put to producing Completed: 10-18 1963
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 COF: 16.7 MM Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. CFPD Gas/Liquid Ratio: 333,000 cu ft/bbl.

EMPLOYEES

E. Buchanan _____, Driller W. P. Tadlock _____, Driller
R. L. Blakney _____, Driller C. V. Inman _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			TOPS: (Log)
			Delaware 3896'
			Bone Springs 6406'
			First Bone Springs 7416'
			Second Bone Springs 8177'
			Third Bone Springs Sand 9137'
			Wolfcamp 9839'
			Cisco 10430'
			Canyon Shale 10564'
			Strawn 10755'
			Atoka 11036'
			Morrow 11324'
			Morrow Ls 11364'
			Morrow Sand 11850'
			Chester 12268'
			Barnett 12519'
			Lower Mississippi 12640'
			Wegford 13124'
			Devonian 13192'
			Silurian 13328'
0	200'	200'	Sand & Lime.
200'	408'	208'	Anhydrite
408'	995'	587'	Salt
995'	1008'	13'	Anhydrite

(Cont'd on Next Pg.)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1008'	1150	142'	dolomite
1150	1340	190'	Sand, dolomite & anhydrite
1340	1460	120'	Sand & dolomite
1460	3905	2445'	dolomite lime.
3905	6320	2416'	Sand & shale
6320	7495	1175	lime
7495	7700	205	Sand & shale
7700	8210	510	Sand & shale
8210	8450	240	Sand & shale
8450	9160	710	lime & shale
9160	9800	640	Sand
9800	9870	70	lime & shale
9870	10410	540	shale
10410	10470	60	lime & shale
10470	10766	296	shale
10766	12272	1506	lime, sand, shale & chert
12272	12310	38	lime
12310	12630	320	shale
12630	13124	494	lime
13124	13194	70	shale
13194	13415	221	dolomite

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 bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

May 18, 1963: Spudded 2:00 p.m.
May 20, 1963: Ran 20' csg set # 380' w/350 sks reg neat, 3% Cal. Chl., 1/4# floccule/sk. Cmtd outside csg thru 1' w/405 sks reg neat plus 3% Cal. Chl. Circ cmt to surface. WOC 24 hrs. Tested csg w/800# Held O.K.
May 24, 1963: Ran 13-3/8" csg, set # 1182'. Cmtd w/975 sks 4% gel, 1% Cal. Chl., 22% salt plus 1/4# floccule/sk followed by 200 sks reg neat, 15% salt, 3% Cal. Chl. plus 1/4# floccule/sk. Circ cmt to surface. WOC 24 hrs. Tested csg w/1100#-held O.K. Drld float and tested csg w/900#, held O.K. Drld shoe and tested formation below pipe to 900#, pressure did not hold. Ran Lane Wells Bond log. Log showed good cmt all way behind pipe. (Thin zone of porosity immediately below csg shoe).
June 11, 1963: Ran 9-5/8" csg set # 3767' w/Baker stage cmt tools set @ 2712' and 1499'. Cmtd w/1095 sks reg neat w/3% Cal. Chl. Did not circ cmt. Top cmt by Temp Survey @ 1375' behind pipe. Part 9-5/8" csg @ 1360' and squeeze cmtd w/428 sks 4% gel, 3% Cal Chl. Circ cmt to surface. WOC 24 hrs. Drld out cmt & Pressure tested parts - held O.K.
June 14, 1963: Drilled out DV tool @ 1499' and press tested - held O.K. Drilled out DV tool @ 2712' and press tested - held O.K. Drilled float and press tested - held O.K.
September 22, 1963: Ran 7" csg set @ 13,104'. Cmtd in two stages: 1. 408 sks of 50-50 late Fox Encore w/3/8# floccule/sk. WOC. 2. 400 sks 50-50 Fox Encore w/3/8# floccule/sk. WOC.
September 24, 1963: Ran Temp Survey. 1/Cmt outside pipe @ 9262'. WOC 24 hrs. Drilled out DV tool & press tested to 1500#, held O.K. Drilled out float, socked and shog.
October 4, 1963: TD 18,415'. Set Baker Cmt Retainer in 7" csg @ 13,017'. Squeezed below retainer w/80 sks @ 4000#. Picked up out of retainer and dumped 34 sks. WOC 6 hrs. Tagged c/cmt @ 12,817' (200' fill).

(Cont'd on attached sheet)