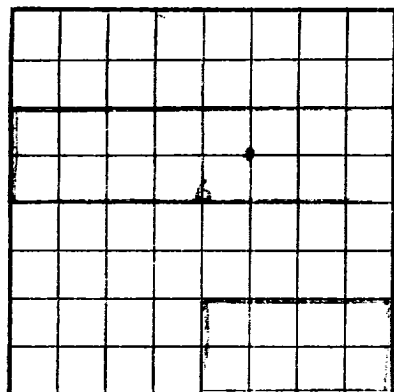


Form 9-3340

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063564
LEASE OR PERMIT TO PROSPECT Elliott



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company DeKalb Agricultural Assn., Inc. Address 517 Lumboc National Building
Lessor or Tract Federal Elliott Field Drinkard State New Mexico
Well No. 1 Sec. 6 T. 23-SR. 38-E Meridian NM. 2M County Lea
Location 1930 ft. {N.} of N Line and 1930 ft. {W.} of E Line of Sec. 6 Elevation 3352
(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 P. D. McClure

Date September 2, 1945 Title Production Supt.

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

Commenced drilling June 1, 1945 Finished drilling September 5, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5534 to 5736 (G) No. 4, from _____ to _____
No. 2, from 6102 to 6600 (O&G) No. 5, from _____ to _____
No. 3, from 6845 to 6995 (O) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 5297 to 5367 (Salt Water) No. 3, from _____ to _____
No. 2, from 6600 to 6671 (Salt Water) 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	32.4	8	Haydon	300	Haydon	None	Not	Not	Surface
9-5/8	26	8	Natl.	2140	Baker	None	Not	Not	Intermediate
7	25	8	Natl.	670	Baker	None	Not	Not	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	316	300 sacks Common	Halliburton		Cement circulated to Top
9-5/8	254	3500 sacks Common	Halliburton	9.3/ gal	To Cement 1500'
7	1	250 sacks Common	Halliburton	9.3/ gal	Top Cement 500'

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1000 gal		Dowell 20%		9-23-45	6925	
2000 gal		Dowell 20%		9-23-45	"	
4000 gal		Dowell 15%		9-24-45	"	

TOOLS USED

Rotary tools were used from 0 feet to 6995 feet, and from _____ feet to _____ feet
Cable tools were used from Not feet to _____ feet, and from _____ feet to _____ feet

DATES

September 2, 1945 Put to producing September 27, 1945

The production for the first 24 hours was 99.5 barrels of fluid of which 99.5 % was oil; 0.5 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 30.5

If gas well, cu. ft. per 24 hours Not Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. R. Sherry Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	200	Caliche & sand
200	1290	1090	Red Beds & Shale
1290	1320	30	Anhydrite
1320	2540	1220	Salt & Anhydrite
2540	2600	140	Anhydrite and Dolomite
2600	2800	140	Anhydrite & sand (Top Yates 2600')
2800	2960	160	Anhydrite, sand & Dolomite
2960	3020	60	Anhydrite, sand, Red Shale & Dolomite
3020	3780	760	Anhydrite, sand & Dolomite
3780	4085	305	Dolomite, sand & Anhydrite (To Grey arg 4085')
4085	4900	805	Dolomite, (Top on Andra 4085')
4900	5160	270	Dolomite & Lime
5160	5260	100	Lime
5260	5300	40	Dolomite & sand (Top San Angelo 5260')

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5300	5360	60	Dolomite
5360	5385	25	Dolomite & sand
5385	5435	50	Dolomite
5435	5530	145	Sand, Dolomite, Green & Grey shale
5530	5610	230	Dolomite
5610	6145	335	Dolomite & Lime
6145	6295	150	Dolomite & Sand (Top Tubbs 1951)
6295	6535	240	Dolomite
6535	6665	130	Dolomite & Lime
6665	6810	145	Lime
6810	6930	120	Dolomite & Lime
6930	6995	65	Dolomite Total Depth

HISTORY OF OIL OR GAS WELL

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.

Spud in June 1, 1945

6-7-45 Set 12-3/8" surface casing @ 315', Cement / 300 sacks
7-7-45 Set 9-5/8" salt string @ 2853', Cement w/ 3500 sacks.
7-23-45 Drill Stem Test 5280' - 5365' (Holt Zena) Recovered 1500' Gullur Water.
7-25-45 Drill Stem Test 5584' - 5635' Clearfork Recovered 100' Gas cut Mud.
7-26-45 Drill Stem Test 5635' - 5680' (Clearfork) Recovered 800' Mud - No shows.
7-29-45 Drill Stem Test 5685' - 5705' (Clearfork) Recovered 900' Mud slightly gas cut.
8-1-45 Drill Stem Test 5671' - 5735' (Clearfork) Recovered 2000' Very gas cut mud.
8-22-45 Drill Stem Test 6302-6447' (Tubs) Recovered 2400' Oil & gas cut mud.
8-24-45 Reduced hole from 8-3/4" to 6-3/4" @ 6361'.
8-26-45 Drill Stem Test 6423' - 6572' (Tubs) Recovered 1000' Gas cut mud w/ rainnow.
8-30-45 Drill Stem Test 6524' - 6671' (Tubs) Recovered 1000' Mud and salt water.
9-3-45 Drill Stem Test 6749' - 6741' Recovered 1100' Mud w/ no shows.
9-7-45 Drill Stem Test 6745' - 6995' Gas to surface in 17 min., mud to surface in 2 hours. Oil to surface in 2 hours 30 min. Flow 33 bbls, 40 Grey. Oil in 1 hour.
9-15-45 Reamed 6-3/4" hole to 6-7/4" to 6850'.
9-19-45 Ran 7" O.D. Casing to 615' (Intended to run to 645') Cement w/ 250 Sacks.
9-20-45 Tested water shut off and drilled cement plug.
9-20-45 Washed w/ 560 gallons mud acid.
9-23-45 Washed w/ 1000 gallons 20% acid under pressure.
9-25-45 Washed w/ 2000 gallons 20% acid under pressure.
9-27-45 Acidized w/ 4000 gallons 15% acid. Swabbed in for completion.