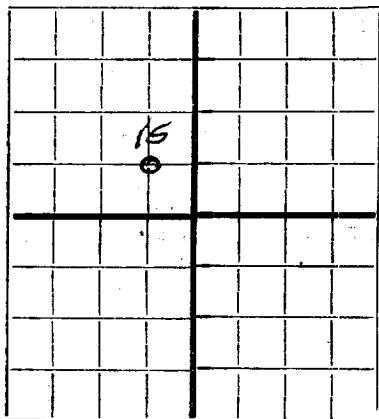


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM O-110 WILL NOT BE APPROVED UNTIL FORM O-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Box 727, Kernit, Texas
Company or Operator Address

Drumson-Jorge Well No. **15** in **NE/4** of Sec. **10**, T. **22-S**
Lease

R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **760** feet south of the North line and **660** feet west of the East line of **NE/4** Sec. **10**

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is **R. L. Drumson**, Address **Funies, New Mexico**

If Government land the permittee is _____, Address _____

The Lessee is **R. L. Drumson**, Address **Funies, New Mexico**

Drilling commenced **June 16** 19 **47** Drilling was completed **August 2** 19 **47**

Name of drilling contractor **Jack Grace**, Address **Wichita Falls, Texas**

Elevation above sea level at top of casing **3417** feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3670** to **4180** No. 4, from _____ to _____
No. 2, from **3082** to **5220** No. 5, from _____ to _____
No. 3, from **6436** to **6535** No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None Logged** to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13 3/8"	404	8 rd.	SS	340'	Halliburton				Surface
8 5/8"	324	8 rd.	SS	3808'	"				Intermediate
5 1/2"	175	8 rd.	SS	6535	"		6475	6500	Oil Strain

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	133/8"	340'	300	Pump & plug		
11"	8 5/8"	3808'	875	Pump & plug		
7 3/4"	5 1/2"	6535'	425	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	NONE					

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS **See Reverse Side**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **Surface** feet to **6535** feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing **August 2** 19 **47**

The production of the first 24 hours was **Est. 292** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **2/10 1** % sediment. Gravity, Be. **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

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **12th** day of **August**, 19 **47**

DAN B. COMFORT, Notary Public
in and for Winkler County, Texas
My Commission expires **June 1, 1947**

Kernit, Texas **August 12, 1947**

Name **L. J. Daniel** Date _____

Position **District Superintendent**

Representing **Magnolia Petroleum Company**

Company or Operator

Address **Box 727, Kernit, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2'2"	2'2"	From top of rotary drive bushing to derrick floor.
2'2"	10'5"	8'3"	From derrick floor to top of 9-5/8" CD casing
10'5"	95'	84'7"	Caliche & Surface sand
95'	207'	112'	Red rock & sand
207'	931'	724'	Red bed $\frac{1}{2}$ @ 750'
			<u>Set 1 1/2" CD casing @ 340'</u> <u>2/22/50 run.</u>
931'	996'	25'	Red bed, broken
996'	1100'	144'	Red bed $\frac{1}{2}$ @ 1070'
1100'	1290'	190'	Anhydrite & shale
1290'	1446'	156'	Salt & shale
1446'	1540'	94'	Salt
1540'	2386'	846'	Anhydrite & salt $\frac{1}{2}$ @ 1670'; $\frac{3}{4}$ @ 2390'.
2386'	2481'	95'	Anhydrite
2481'	2547'	66'	Anhydrite & gyp $\frac{1}{4}$ @ 2545;
2547'	2865'	318'	Anhydrite $\frac{1}{4}$ @ 2590; $\frac{1}{4}$ @ 2614;
			$1\frac{3}{4}$ @ 2800;
2865'	2897'	32'	Anhydrite & gyp
2897'	2962'	65'	Anhydrite
2962'	2995'	33'	Line & gyp $1\frac{3}{4}$ @ 2925,
2995'	3257'	262'	Anhydrite & line $1\frac{3}{4}$ @ 3048; $\frac{1}{4}$ @ 3168,
3257'	3289'	32'	Line $\frac{1}{4}$ @ 3260.
3289'	3348'	59'	Line & anhydrite
3348'	3383'	5'	Line
3383'	3395'	42'	Line & anhydrite
3395'	3423'	130'	Line $\frac{3}{4}$ @ 3410'; $\frac{1}{4}$ @ 3440
3423'	3536'	11'	Sandy line (faint odor)
3536'	3595'	59'	Line $\frac{1}{2}$ @ 3585
3595'	3604'	9'	Line, hard
3604'	3614'	10'	Shale & line
3614'	3670'	56'	Line
3670'	3691'	21'	Line with oil odor
3691'	3704'	13'	Line (odor)
3704'	3730'	26'	Sandy line
3730'	3877'	147'	Line <u>SLC 3802 @ 3802.</u>
			<u>Set 2-1/2" CD casing @ 3802'</u> <u>2/22/50 run.</u>
3877'	3895'	18'	Brown sandy line-oil showing.
3895'	4012'	117'	Grey sandy line
4012'	4180'	168'	Sandy line, oil odor $\frac{3}{4}$ @ 4125'.
4180'	4390'	170'	Sandy line
4390'	4498'	108'	Sandy line & sand
4498'	4846'	348'	Sandy line $\frac{1}{8}$ @ 4524. $\frac{3}{4}$ @ 4750;
4846'	4892'	46'	Line
4892'	4923'	31'	Line and shale $\frac{1}{2}$ @ 4920.
4923'	4968'	45'	Line
4968'	4992'	24'	Line and shale
4992'	5082'	90'	Line
5082'	5120'	38'	Sandy line, oil odor
5082'	5120'	38'	DET
5120'	5220'	100'	Sandy line, oil odor
5120'	5220'	26'	DET
			Tool open $2\frac{1}{2}$ hrs. thru 5/8" NBU & 1" surface choke, gas in 5 min., strong blow diminishing to light blow @ end of test; Rec. 2940' oil, 210' heavy oil & gas out mid, Curr. Grav. 37.4, 4/10% H ₂ O, NUP 7000, 15 min. 3/4 @ 5230, 5400, 1 @ 5770, 3/4 @ 5900, 3/4 @ 6000.
5220'	6400'	1180'	Line <u>SLC 6430 @ 6430.</u>
6400'	6448'	48'	Line, oil stain
6399'	6448'	49'	DET
			$\frac{3}{4}$ @ 6430. Tool open $1\frac{1}{2}$ hrs. thru 5/8" NBU & 1" surface choke, gas 3 min., oil mist 5 min. for 5 min., S.F.P. 1450, NUP 7000-14000, S-I NUP 27000, 15 min. Hydro. Bl. 30300, 104.6 NUP gas $1\frac{1}{2}$ hrs. Rec. 30' distillate, 270' mid out distillate.
6448'	6535'	87'	Line, sandy
6435'	6535'	100'	DET
			Tool open 1 hr. 34 min, thru 5/8" NBU & 1" surface choke, gas 5 min., mid 23 min., oil 34 min., Flowed 29 bbls. oil 1 hr. NUP 1000, NUP 9000, S-I NUP 29000 15 min., 4/10% mid, unloaded as soon as tool picked up & continued unloading while pulling tool.
	6535'	6535'	<u>TOTAL DEPTH</u>
	6535'	6535'	Ken Schlumberger
			<u>Set 3-1/2" CD casing @ 6535'</u> <u>2/22/50 run. w/cut. set @</u> <u>5120.49, 5145.19, 6217.03,</u> <u>6233.99, 6250.67, 6266.13,</u> <u>6282.61, 6299.42, 6315.86,</u> <u>6331.70, 6348.38.</u>
6475'	6533'	6533'	Drilled out to
	6580'	25'	McDullough Tools perforated 5 1/2" CD casing w/100 shots, & S.F.P.
			Baker rounded perforations.
			<u>2" tubing set @ 6533'.</u>
			1245/1, Curr. Grav. 38.2, 4/10% S.G. Est. prod. 24 hrs. 292 B.O.

TEST: Flowed 85.19 B.O. 7 hrs.
thru 1 1/4" gas. choke on 2" tubing,
S.F. 7730-1450; T.P. 5120-5100 GR
1245/1, Curr. Grav. 38.2, 4/10% S.G. Est. prod. 24 hrs. 292 B.O.