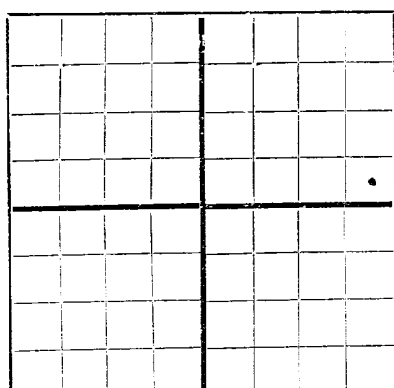
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoAREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Barnsdall Oil Company **Box J, Hobbs, New Mexico**
Company or Operator Address
Dayton Hardy Well No. **3** in **NE 1/4** of Sec. **29**, T. **21S**
Lease
R. **37E**, N. M. P. M. **Eunice** Field, **Lea** County.
Well is **2310** feet south of the North line and **330** feet west of the East line of
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **V. D. Mitchell**, Address **Oil Center, New Mexico**
If Government land the permittee is, Address
The Lessee is **Barnsdall Oil Company**, Address **Box 2039, Tulsa, Oklahoma**
Drilling commenced **10-23-49** 19. Drilling was completed **1-12-50** 19.
Name of drilling contractor **Parker Drilling Company**, Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3463** feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from **7805'** to **7872'**

IMPORTANT WATER SANDS

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

No. 1, from 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"	36#	8-R	Armco	317	Baker				
9 5/8"	32 & 40	8-R	SS	2850'	Baker				
5 1/2"	15 & 17	8-R	SS	7872'	Baker				

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"	13 3/8"	317'	300	Halliburton		
12 1/4"	9 5/8"	2848'	1000	Halliburton		
8 3/4"	5 1/2"	7872'	500	Halliburton		

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

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 feet to feet, and from feet to feet
Cable tools were used from **0** feet to **7872'** feet, and from feet to feet

PRODUCTION

Put to producing 19.
The production of the first 24 hours was **50** barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be. **100**
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas **44.3**
Rock pressure, lbs. per sq. in.

EMPLOYEES

Guy Ramsey Driller
Herwood Gillian Driller **R. M. New** Driller
J. L. Mahan

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 **17**day of **Jan.**, 19 **50**

Notary Public

My Commission expires **10/24/53**

Hobbs, New Mexico **Jan. 16, 1950**
Name **John M. Hunter**
Position **Dist. Supt.**
Representing **Barnsdall Oil Company**
Address **Box J, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	53	53	Sandy caliche
53	300	247	Red bed
300	322	22	Red bed and shells
322	431	109	Red bed, sand and shells
431	866	435	Red bed and gypsum
866	1205	339	Red bed, gypsum, and shells
1205	1525	320	Anhydrite, salt and gypsum
1525	1627	102	Salt and gypsum
1627	2594	967	Salt and anhydrite
2594	2647	53	Gypsum and lime
2647	2691	44	Anhydrite and gypsum
2691	2697	6	Anhydrite, gypsum and lime
2697	2850	153	Anhydrite, gypsum and lime
2850	3280	430	Lime
3280	3798	518	Lime and shale
3798	3894	96	Lime
3894	4286	392	Lime and shale
4286	4484	198	Lime
4484	4501	17	Lime and shale
4501	4609	108	Lime
4609	4753	144	Lime and gypsum
4753	4815	62	Lime
4815	4988	173	Lime and gypsum
4988	5096	108	Lime
5096	5102	6	Lime and gypsum
5102	5150	48	Lime
5150	5160	10	Lime and gypsum
5160	5545	385	Lime
5545	5613	68	Lime and gypsum
5613	5763	150	Lime
5763	5804	41	Lime and gypsum
5804	6232	428	Lime
6232	6385	153	Lime and shale
6385	6863	478	Lime
6863	6943	80	Lime and shale
6943	7166	223	Lime
7166	7207	41	Dolomite, lime and shale
7207	7257	50	Lime, anhydrite, dolomite and shale
7257	7370	113	Lime
7370	7395	25	Lime and dolomite
7395	7410	15	Dolomite, lime and shale
7410	7475	65	Lime
7475	7490	15	Lime, shale and sulphur
7490	7543	53	Lime and shale
7543	7575	32	Lime
7575	7721	146	Lime and shale
7721	7759	38	Lime, shale and chert
7759	7779	20	Lime, shale and sand
7779	7872	93	Lime, shale and sand

T.D.

FORMATION TOPS

Tabbe _____ 6110'
 Simpson _____ 7490'
 Upper McKee _____ 7720'
 Lower McKee _____ 7805'

DRILL STEM TESTS

#1

Tested for oil and gas @7655'. Packer set @7655'. No blanket, weak blow of air for 5 minutes. Recovered 31' mud.

#2

Tested for oil and gas with packer set @7806'. Tool open 4 hours plus 15 minutes build up. Gas to surface in 4 minutes and mud in 41 minutes. Oil to surface in 43 minutes. Gauged 21½ bbls. oil per hour, 303 MOF gas, G.O.R. 590. Drill pipe pressure 625#. Corrected gravity 44.3.

#3

Drill stem test with packer set @7840'. Opened tool @3:10 p.m., gas @3:18 p.m., mud @5:25 p.m., Oil @5:30 p.m. Flowed to pit for 30 minutes. From 6:00 p.m. to 7:00 p.m. 12 bbls. of oil, tubing pressure 320#. From 7:00 p.m. to 8:00 p.m. 15 bbls. of oil, tubing pressure 465#, flow increasing, Circulated oil out of tubing and pulled packer.

DEVIATION SURVEYS

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
130'	1/4	5061'	2	5540'	1 1/2
298'	1 1/4	5069'	2 1/4	5580'	1 1/4
385'	3/4	5080'	2 1/4	5635'	1
630'	1/4	5083'	2 1/4	5660'	1 1/4
855'	3/4	5091'	2 3/4	5732'	1
1020'	1/2	5099'	2 1/4	5850'	1 1/4
1310'	1/2	5102'	1 1/2	5961'	1 1/4
1550'	3/4	5112'	2 1/4	6060'	1
1750'	0	5124'	1 3/4	6185'	1 1/4
2010'	1 1/4	5132'	2 1/4	6231'	1
2400'	1	5134'	2	6334'	1 1/4
2550'	3/4	5136'	2	6419'	1
2770'	1/2	5154'	2	6567'	1
2810'	0	5164'	2	6698'	1
3200'	3/4	5177'	2	6808'	3/4
3278'	3/4	5198'	1	6874'	1
3520'	3/4	5216'	1 3/4	7009'	1
3576'	3/4	5225'	1 3/4	7070'	1
3775'	1/4	5240'	2	7264'	1
4160'	3/4	5260'	1 3/4	7368'	1
4450'	3/4	5278'	1 3/4	7409'	1
4890'	3	5308'	1 3/4	7474'	1
4945'	3 1/4	5317'	1 3/4	7545'	1 1/2
4964'	3 1/4	5319'	1 1/2	7556'	1
4986'	3	5345'	1 3/4	7628'	1
5002'	2 3/4	5378'	1 1/4	7683'	1 1/4
5017'	2 3/4	5393'	1 1/2	7684'	1 1/4
5027'	2 1/4	5414'	1 1/2	7721'	1 1/4
5041'	2 3/4	5444'	1 1/4	7754'	1 1/2
5051'	2 3/4	5480'	1 1/2		
5060'	2 1/4	5484'	1		

