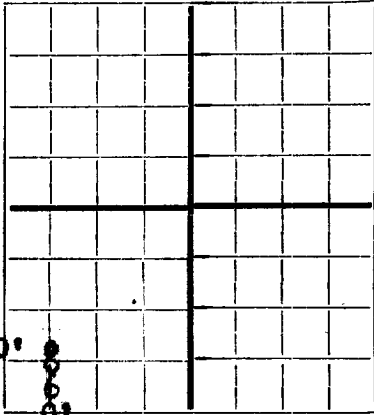


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NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Magnolia Petroleum Company** Box 727 Kermit, Texas  
Company or Operator  
**A. K. Smith** Well No. **1** in **SW/4** of Sec. **11**, T. **7-S**  
Lease  
**33-B** N. **M. R. M.** Wildcat Field, **East** Roosevelt County.  
Well is **660** feet south of the North line and **660** feet west of the East line of Section 11  
If State land the oil and gas lease is No. **A. K. Smith** Assignment No. **Unknown**  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Magnolia Petroleum Company**, Address **Box 727, Kermit, Texas**  
Drilling commenced **August 5, 1948** Drilling was completed **December 8, 1948**  
Name of drilling contractor **MFCo. Texas Drilling Tools**, Address **Box 633, Midland, Texas**  
Elevation above sea level at top of casing **4382** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **N one** to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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 **N one** 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	48	8-RT	H-40	323	Halliburton				Surface
9-5/8	40	8-RT	J-55	4415	Halliburton				Oil String

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	323	400	Pump & Plug		
12 1/2	9-5/8	4415	1600 1250	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

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 **0** feet to **10015** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **Dry Hole**, 19\_\_\_\_  
The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
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 **30th** **Kermit, Texas** **December 30, 1948**  
day of **December**, 19 **48**  
*[Signature]*  
Notary Public  
My Commission expires **June 1, 1949**  
Name **J. J. Brannen**  
Position **Asst. District Superintendent**  
Representing **Magnolia Petroleum Company**  
Company or Operator  
Address **Box 727, Kermit, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
7456	7495	39	Gyp and dolomite
7495	7545	50	Green shale and gyp
7545	7553	8	Gyp and dolomite
7553	7585	32	Shale and gyp 1-1/4° @ 7580
7585	7603	18	Dolomite, gyp & shale
7603	7620	17	Lime, shale & gyp
7620	7632	12	Shale and gyp
7632	7640	8	Gyp, lime & shale
7640	7696	56	Gyp and lime Reamed chert from 7689 to 7693', 3/4° @ 7696.
7696	7699	3	Dolomite
7699	7704	5	Lime and gyp
7704	7718	14	Dolomite and lime
7718	7755	37	Lime and gyp
7755	7766	11	Lime
7766	7778	12	Lime and chert
7778	7784	6	Lime, chert and gyp
7784	7803	19	Lime and chert
7803	7813	10	Lime, gyp and chert 1/4° @ 7812
7813	7829	16	Lime and chert
7829	7841	12	Lime, chert & gyp
7841	7853	12	Lime and chert
7853	7872	19	Lime
7872	7895	23	Lime and gyp
7895	7918	23	Lime
7918	7927	9	Lime and chert 1/4° @ 7927
7927	7938	11	Lime and gyp
7938	7965	27	Lime
7965	7982	17	Lime and gyp
7982	8090	108	Lime
8090	8104	14	Lime and shale
8104	8651	547	Lime 1/2° @ 8215, 1° @ 8473, 3/4° @ 8637
8651	8678	27	Lime and shale
8678	8838	160	Lime
8838	8868	30	Lime and shale 3/4° @ 8868
8868	8881	13	No formation logged
8881	8931	50	Lime
8931	8954	23	Lime and shale
8954	8989	35	Lime
8989	9042	53	Lime and shale
9042	9045	3	Lime and sand
9045	9097	52	Lime
9097	9111	14	Lime and shale
9111	9128	17	Lime
9128	9151	23	Lime and shale
9151	9171	20	Lime
9171	9194	23	Lime and shale
9194	9206	12	Lime, shale and chert
9206	9245	39	Lime and shale
9245	9257	12	Lime
9257	9266	9	Lime, chert, & shale
9266	9282	16	Lime and shale
9282	9301	19	Lime and chert
9301	9313	12	Lime
9313	9337	24	Lime and chert
9337	9345	8	Lime, shale & chert
9345	9384	39	Lime and shale
9384	9389	5	Lime 1° @ 9384
9389	9462	73	Lime and shale
9462	9468	6	Lime
9468	9486	18	Lime and shale
9486	9491	5	Lime
9491	9495	4	Lime and sand
9495	9500	5	No formation logged
9500	9507	7	Lime and shale
9507	9529	22	Lime and sand
9529	9565	36	Lime and sandy shale
9565	9590	25	Lime and shale
9590	9631	41	Lime
9522	9631	109	Drill Stem Test (2 packers) 1800' wtr. cushion 5/8" BHC & 1" SC tool open 2 hrs., no gas, oil, mud or wtr. SFP not measured, BHFP 940-2390#, S-I BHP 15 min. 3560#, Hy Hd 5500-5550, Rec. 1800' WC, 810' mud w/small amt. SW, 540' SW w/small amt. mud, 1990' sulphur water.
9631	9905	274	Lime
9905	9916	11	Chert & lime
9916	9927	11	Chert, sandy lime & shale
9927	9944	17	Dolomite, shale & chert, 3° @ 9944.
9944	9959	15	Sandy lime
9959	9980	21	Dolomite and chert
9980	9988	8	Lime, chert & shells 3 1/2° @ 9988
9988	9995	7	Lime and chert
9995	10001	6	Chert 3° @ 9994, 3 1/2° @ 9988
10001	10002	1	Cored Few pieces of granite in basket.
9898	10002	104	Drill Stem Test (2 packers) 1800' WC. 5/8" BHC 1" SC. 2 hrs. did not flow. Rec. 1800' WC 540' mud and sulphur wtr., slightly out w/gas. 360' sulphur wtr. out w/gas & mud. 5488' sulphur wtr. out w/gas. SFP 0#, BHFP 3800-2000#, 15 min. S-I BHP failed to get build up. Hy Hd 5550# out 5300#.
10002	10002'2"	2"	Cored w/Reed Barrel No recovery.
10002	10008	6	Chert
10008	10015	7	Chert and lime
	10015		TOTAL DEPTH
	10001		Ran Sealumberger
			Ran Lane Wells Velocity Survey
			Plugging commenced 12-9-48.
9500	9530	30	20 sacks cement
4400	4300	100	50 sacks cement No fill up
4400	4300	100	50 sacks cement