

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Box 727, Kermit, Texas

OIL SANDS OR ZONES

IMPORTANT WATER SANDS **NONE**

CASING RECORD

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS NONE

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Results of shooting or chemical treatment..... **Completing well**

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 8172 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing.....**Sept. 28,**....., 19**47**

The production of the first **24** hours was **117.7** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **41.2 @ 60°**

If gas well, cu. ft. per 24 hours.....**- - -** Gallons gasoline per 1,000 cu. ft. of gas.....

Hook 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.

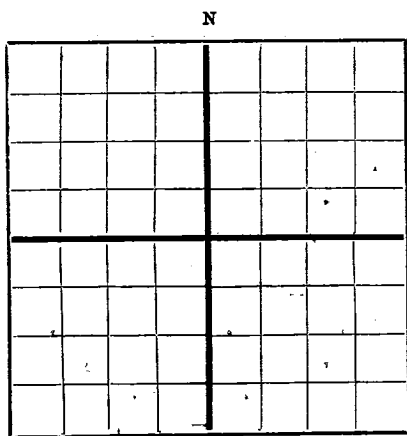
Subscribed and sworn to before me this 30th
day of January, 1948
[Signature]
Notary Public

My Commission expires June 1, 1949

Kermit, Texas January 30, 1948
Name R. T. Daniel
Position District Superintendent
Representing Magnolia Petroleum Company
Company or Operator
Address Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
7740	7820	80	DST	(Double Packer) Tool open thru 5/8" BHC & 1" surface choke 1 hr. 31½ min; gas 1½ min., drlg. mud 8 min., oil & sand 9 min., oil ½ min., cleaned 22 min. (14.25 R.O) Flowed 15 min periods, 12.38, 13.75, 12.38, 12.38, total 50.89 bbls. oil 1 hr. Est. 24 hrs. gas volume, 1,610 MCF, GOR 1320/1. Grav. 42.5 @ 60°; 3/16" drlg. mud; SFP 1200#; BHFP 1500#; S-I BHP 15 min. 2800#, no rec., displaced w/drlg. mud.
7820	7850	30	Sand	
7825	7850	25	DST	(Double Packer) Tool open thru 5/8" BHC & 1" surface choke, 1½ hrs. gas 2 min., mud 6 min., oil 7 min., cleaned 8 min., prod. 15 min. periods, 19.25, 16.5, 16.5, 19.25, 19.25, total oil 90.75 bbls. oil, 1½ hrs. (after tool closed, well unloaded about 15 bbls. oil) GOR 1255/1 Est. 24 hrs. gas vol. 2153 MCF, Grav. 41.8 @ 60°; No BSAN; SFP 1800#; BHFP 2100#; S-I BHP 15 min. 2620# (did not reach maximum), no rec., displaced w/mud.
7850	7863	13	Lime	
7863	7880	17	Lime and shale	Light staining, av. drlg. time 7850-7880, 14 to 20 MPF w/breaks 7864-7867, 8 MPF, 7876-7880 3 to 9 min.
7846	7880	34	DST	(Double Packer Tool open 90 min. thru 5/8" BHC & 1" surface choke, gas 3 min. mud 7 min., oil 10 min., prod. 15 min. periods, 5.5, 6.14, 5.5, 5.5, 5.5, total 28.14 bbls. oil 75 min. (unloaded est. 8 bbls. oil after tool closed) GOR 1106/1 Est. gas 24 hrs. 602 MCF, shake out @, Grav. 39.1 @ 60°; SFP 400#; BHFP 1100#; S-I BHP 1700# (not max.), no rec. circulated.
7880	7910	30	Lime and shale	
7877	7910	33	DST	(Double Packer) Tool open 90 min. thru 5/8" BHC & 1" surface choke, gas 2 min., oily mud 9 min., oil 10½ min.; prod. by 15 min. periods, 4.81, 6.88, 6.88, 6.88, 6.88, total 32.33 bbls. oil, 1½ hrs., well unloaded 8.5 E/O after tool closed; SFP 500#; BHFP 1100#; S-I BHP 15 min. 2100#, not max. GOR 1043/1. 688 MCF/24 hrs. (est.) Grav. 39.3 @ 60°; 4/16" drlg. mud, no rec., circ. out.
7910	7940	30	Sand and shale	
7907	7940	33	DST	Tool open thru 5/8" BHC & 1" surface choke, open 10, 15 and 25 min. periods, very weak blow air, no gas, BHFP 800#; S-I BHP 15 min., 800# Rec., 30' drlg. mud, no show oil or gas.
7940	7953	13	Lime and sand	
7953	7986	33	Lime and shale	
7986	7990	4	No formation logged	
7990	8002	12	Lime	
8002	8017	15	Lime and sand	
8017	8041	24	Lime and shale	
8041	8049	8	Lime	
8049	8059	10	Sand and shale	3½° @ 8054
8059	8071	12	Lime and sand	
8071	8090	19	Lime	
8090	8114	24	Lime and shale	
8114	8174	60	Lime	3° @ 8130, 2½° @ 8162
			<u>SLG 8174 = 8172</u>	
	8171	Top of Granite		8' of Ellenberger. Av. drlg. time 8165-72 12 MPF
8138	8172	34	DST	Tool open thru 5/8" BHC & 1" surface choke, 1st 30 min. slight blow air 4 min. died, 2nd 5 min. no blow, 3rd 67 min. slight blow, 6 min. died, BHFP 0#; no build up taken, hyd. hd. 4000#; Rec. 30' drlg. mud w/ slight rainbow oil, no gas.
6688	8172		TOTAL DEPTH	
	8174		Ran Schlumberger	
			Set 5" OD casing @ 8172 w/50 sax w/back off tool @ 5885 and centralizers @ 6504.13, 6627.31, 7679.59, 7928.25, 8053.29, 8179.00	
5500	6290	790	Halliburton ran Temp. Surv.	
	7510	T	Top cement	(662' cement, by displacement 712'.)
	7500		McCullough Tools perf. 5" OD w/2 -3/8" shots.	
	7500		Cemented w/100 sax thru perf. 850-1400#.	
	6310		Halliburton ran Temp. Surv. Top cement 6060'	
7315	8146	831	Drilled out	
			w/back off tool @ 5885 5" OD casing. pulled from that depth	
7810	7840	30	McCullough Tools perf. 5" w/4 SFP, 120 shots, 3/8" Ran 2" tubing to 8146'	
RRC POTENTIAL: Flowed 117.7 bbls. oil 7 hrs. thru 1/4" positive choke; CP 0%-200#; TP 8500#; GOR 1117/1. Corr. Grav. 41.2 @ 60°; 2/16 of 1½ B.S. Est. cap. 404 bbls. oil.				

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.

Company or Operator _____ Address _____
Well No. _____ in _____ of Sec. _____, T. _____
Lease _____
R. _____, N. M. P. M. _____ Field, _____ County.
Well is _____ feet south of the North line and _____ 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 _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced _____ 19_____. Drilling was completed _____ 19_____.
Name of drilling contractor _____, Address _____
Elevation above sea level at top of casing _____ 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 _____ to _____

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	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

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 _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____, 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 _____
day of _____, 19_____.

Notary Public
My Commission expires _____
Place _____ Date _____
Name _____
Position _____
Representing _____
Company or Operator _____
Address _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	.80	.8	From top of rotary drive bushing to derrick floor
.80	11.60	10.8	From derrick floor to top of 7" OD casing
6503			Baker cement retainer
6529	6540	11	Halliburton squeezed perf. w/100 sax
6551	6587	36	Broke form. 800#; spotted 50 bbls. water, pumped 75 sax 800#-1000#, 25 sax by staging 5 sax batches 1000-1750; flushed perf. w/10 bbls. water. WOC 6 hrs. broke circ. w/water 2000#, spotted 10 bbls. water, pumped 60 sax cement 1200-1500, staged 40 sax in 5 sax batches (5 min.) 1500-2400 after 70 sax in pressured casing. w/1400#, 5 sax 2400-5000 reversed out 25 sax,
6594	6601	7	
6503	6630	127	Drilled out cement and Baker Retainer
6630	7275	645	Lime Straight @ 6690; 1" @ 6900, 6967; 1-1/4" @ 7028, 2" @ 7166, 7232; 1-3/4" @ 7274.
7275	7288	13	No formation logged
7288	7300	12	Lime 1-1/2" @ 7300
7300	7317	17	No formation logged
7317	7395	78	Lime 1" @ 7334; 3/4" @ 7349 Drig. time broke 11-8 @ 7350, next 3' 7 MPF, next 2' 6 MPF, 1' @ 5 MPF, 6-8 to 7361, 20 MPF, 7361' av. 14 MPF to 7395.
7335	7395	60	DST (Double Packer) Tool open 90 min. thru 5/8" BHC & 1" surface choke, gas 20 min., (insufficient to measure), Rec. 4360', 270' gas out salt water, 450' salt water; Flowed salt water 7 min. pulled 1 dry stand, pulled 2610' drill pipe w/packets of salt water in each stand, 760' gas out drig. mud; SFP 0#; BHFP 450#-1775#; BHP after 15 min. 2475#; Hyd. hd. 3750#.
7395	7413	18	No formation logged
7413	7515	102	Lime 3/4" @ 7435, 7485
7515	7545	30	Green shale
7545	7567	22	Green shale and lime
7567	7628	61	Shale and lime 1" @ 7627
7628	7628		Ran Halliburton Temp. Surv.
6500			Set Baker Plug
	6335		McCullough Tools perf. 7" OD w/2 - 1/2" holes, 2000# WP, no break
	6320		Baker CI Retainer Plug
	6335		Western Co. acidized perf. w/1000 gals. 20% low tension acid, squeezed acid, 2500#-2100#; displaced acid w/10 bbls. water, 25 bbls. water thru perf.
	6335		Squeezed 100 sax thru perf.
	6335		Attempted to re-squeeze perf. w/150 sax & 5000#
	6335		No job
	6335		Western Attempted to acidize w/5000#, no job
4000	6323	2323	Halliburton ran Temp. Surv. No cement above retainer @ 6320
	6318		McCullough Tools perf. 7" OD w/2 - 1/2" shots.
	6311		Set Baker Cement Retainer
	6318		Western Attempted to acidize perforations 4200#, 3 hrs., no break.
	5080		Lane Wells perf. 7" OD w/2 - 1/2" shots
	5080		Western spotted 100 gals. acid
	5070	Set Baker	Retainer Broke form. w/acid 2600#-1900#, 11 min.
	5070		Halliburton cemented thru retainer
	5080		Halliburton cemented thru perf. 28 bbls. water & 900 sax cement squeezed, 1000#-4500#, reversed out 100 sax out tubing.
5070	7627	2557	Drill out cement, retainer and bridge plug
7628	7630	2	Lime
7630	7741	111	Lime and shale
7741	7792	51	Sand and shale
7792	7880	8	No formation logged
7730	7800	70	DST Top of McKee sand-7738' (Double Packer) Tool open thru 5/8" BHC & 1" surface choke, tool open 5 min. when packer failed, strong blow when tool opened, gas 3-1/2 min., rec. 1350' fluid, top 90' drig. mud, pipe unloaded oil-cut drig. mud 1 min., heavily gas out drig. mud 2 min., BHFP 500#; Hyd. hd. 3725#.
7800	7820	20	Sand
7719	7820	101	DST (Double Packer) Tool open thru 5/8" BHC & 1" surface choke, gas 3 min., packer gave way 6 min., well made gas 12 min. after tool closed, chart showed tool open 10 min. w/BHFP 1400#; reset tool, mud, gas & oil 1 min., packer gave way 16 min.; well flowed oil 45 min., est. 14 bbls. oil in test tank; gravity 41° @ 60°; 3% mud, charts showed tool open 16 min., BHFP 1650#.