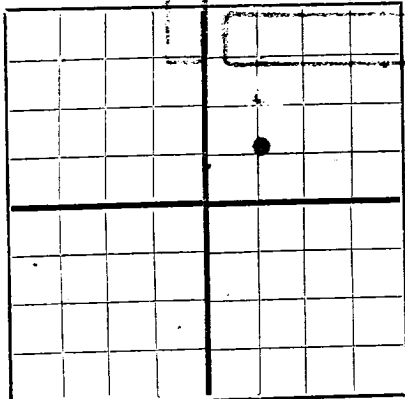


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION'S OFFICE
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.

Magnolia Petroleum Company
State Bridges Company or Operator
Well No. 14 DD in NE/4 of Sec. 25, T. 17S
Lease 34E Vacuum Field, Lea County.
N. M. P. M.
Well is 1980 feet south of the North line and 1930 feet west of the East line of Section 25
If State land the oil and gas lease is No. 569 Assignment No.
If patented land the owner is Address.
If Government land the permittee is Address.
The Lessee is Address.
Drilling commenced March 26, 1949 Drilling/deeper was completed March 26, 1949
Name of drilling contractor Magnolia Pet. Co. Drig. Tools Address Box 633, Midland, Texas
Elevation above sea level at top of casing 4007 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 4485 to 4540 No. 4, from to
No. 2, from 4655 to 4670 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
LINER:			Extremeline				4485	4540	Liner
5"	15#	—	J-55	592			4655	4670	Liner

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
6-1/2"	5"	4763	100	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
		See Reverse Side.				

Results of shooting or chemical treatment To re-complete well - see reverse side.

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 4720 feet to 4763 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 13, 1949.
The production of the first 24 hours was 21 barrels of fluid of which 100% 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

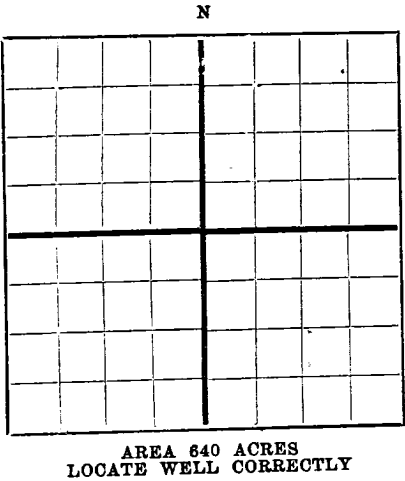
FORMATION RECORD ON OTHER SIDE

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 1st. day of June, 1949.
Name District Superintendent
Position District Superintendent
Representing Magnolia Petroleum Company
Address Box 727, Kermit, Texas
Kermit, Texas June 1, 1949
Notary Public
My Commission expires My expires

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			Baker packer with Guiberson Packer set @ 4120'.
4655	4670	15	Western attempted to acidize perf. Packer failed - no jbb.
4655	4670	15	Western attempted to acidize Perf. Without packer, no acid thru perf. after 5 hrs. 1900# GP, 1500# TP, Pulled tubing and packer.
4655	4670	15	Western Re-Perf. 5" E.L.Liner with 6 SPF(jet)
4655	4670	15	Western acidize Perf. w/1500 gals. acid. Packer @ 4100'. TP 3000-1200-1750#, 39 min. 1 BPM with Guiberson Packer @ 4008'. Swab dry and remained dry 8 hrs.
4655	4670	15	Western Re-acidize Perf. Packer @ 4008' w/5000 gals. 20% L.T. CP 350-1800#, TP 900-1950#, 140 min. 9/10 BPM Swab 3 BLC and 12 BAW 24 hrs.
4485	4540	55	Western Perf. 5" E.L.Liner w/6 SPF(jet) Set 2" tubing with two McLine Packers at 4592 and 4419', Swab dry and re- mained dry 4 hrs.
4485	4540	55	Western Acidized Perf. w/1000 gals. 20% L.T. CP 1000-1800- 1600#, TP 1600-1100-1250#, 34 min. 8/10 BPM. Swab 8 BAW and 2 BFO 8 hrs.
4485	4540	55	Western Re-acidized Perf. w/3000 gals. 20% L.T. CP 1000-1500- 1450#, TP 800-750-950#, 68 min. 1 BPM. Swab 4 BFO and 1 BAW 6 hrs. 400' OIH.
4485	4540	55	Western Re-acidized Perf. w/6000 gals. 20% L.T. TP Vac.-425#, CP 500-825#, 136 min. 1 BPM <u>Pulled packers and re-run 2" tubing @ 4759'.</u> Pumped 21 bbls. oil in 24 hrs.



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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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 _____ Place _____ Date _____
day of _____, 19_____. Name _____
Position _____
Notary Public _____ Representing _____ Company or Operator _____
My Commission expires _____ Address _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			Production before OD 11 bbls. oil
			<u>CABLE TOOLS</u>
			Recovered 136 jts. of 2-1/2" tubing. 12 joints left in hole.
	4430 4450	— —	Top of Fish Drilled by w/Star bit
			No recovery. Replaced Cable tools with Rotary.
			<u>ROTARY TOOLS</u>
	4456	—	Top of tubing, Rotary measurement. Ran Ingression block, 2 pieces stick- ing up. Ran Flat Mill to 4456, no pro- gress.
4456	4335	209	Drilling by with 6-1/4" rock bit in line. Drilled out 22' drlg. pipe & 1 drlg. collar. Top of Fish 4411. Drilled w/ diamond point 4433 to 4570'. topped. 200 sax. cement, 2% gel. from 4570 to 4450. Halliburton run Caliper survey to 4450. Top of that hole 4420'. Re- cemented w/50 sax. cement & 1 1/2 yd. sand from 4450 - no fill-up. Did not set. 100 sax. cement & 33 sax sand, fill hole 4450 to 4387'. Recemented w/25 sax. 4387 to 4342'. <u>SLC 4342 & 4332</u> Drill out from 4332 to 4342'. Set HOMO Whipstock @ 4342'. Drilled 4335 to 4347 in line. 5-1/8" hole. Attempted to pull Whipstock. Hangs up @ 4343. Western spotted w/1000 gals. mud acid to free stuck drill pipe. Western spotted 300 gals. of 20% L.T. acid @ 4347'. Circ. w/200#. Pulled drlg. pipe. Whipstock ring broke & left 7' of Whipstock in hole. 25 sax. Inseg. cement & 1/4 yd. sand 4347-428' w/4 sax. line & 4 bbls. wtr. ahead of cement. Drill out w/6-1/4" from 4289 to 4295. Set HOMO Retrievable Shipstock @ 4295'. Drilled w/4-3/4" bit to 4308'. Pulled Whipstock. Drilled w/ 6-1/4" bit 4295 to 4308'. Set HOMO Retrievable Whipstock @ 4308'. Drilled w/4-3/4" from 4308 to 4311. Pulled Whip- stock and HOMO Slim jt. w/4-1/2" Reed core head from 4311 to 4318'. 3' off @ 4318'. 6-1/4" Rock bit 4308 to 4338, 6-1/4" Reed core head w/4-3/4" bit as pilot 4338 to 4333'. 6-3/4" Reed core head as roamer & 4-3/4" bit as pilot 4333 to 4359, 6-1/4" C.P. bottom hole reamer 3' x 4-3/4" drlg. collar. 6-1/4" bit stopped @ 4335'. Ran HOMO 4-3/4" x 3' slim hole jt. 4-3/4 x 3' drlg. collar. 6-1/4" bit 4359 to 4381'. 4-1/2" off @ 4370'. 4-1/2" @ 4331'. CP bottom hole reamer short drlg. collar above, 6-1/4" pilot bit 4335 to 4331, 30' drlg. collar, 6-1/4" rock bit 4381 to 4386, 4-1/2" @ 4336'. 6-1/4" rock bit w/30' drlg. collar in brown sandy lime. Brown line 3-1/2" @ 4480 Line Gray line 3" @ 4645 Line and shale Line and green shale Gray line
4386 4430 4434 4540 4675 4712 4720	4430 4434 4540 4675 4712 4720 4763	44 54 55 135 37 8 43	
	4762	—	Ran Schlumberger to <u>Set 588' of Extreme Line Liner @ 4762 w/50 sax.</u>
			<u>CABLE TOOLS RECORD</u>
4655	4670	15	Western Perferate 5" liner w/6 SPF(jet) Set packer @ 4635, Swab dry and remain dry 6 hours.
4655	4670	15	Western Acidized perforations w/1000 gals. mud acid. Vacuum 12 min. 2 BHP, Swab dry and remained dry 16 hours.
4655	4670	15	Western Re-acidized perforations w/2000 gals. 20% L.T. under vacuum, 1.2 BPM. Swab 14 BHP & 4 BAW 24 hrs. very small show gas. Attempted to acidize - Packer did not seat. Pulled and re-run packer - did not seat. Pulled packer & 5" liner. No cement on liner. <u>Steel Line Measurement to 4763</u> 4-3/4" x 32' sand pump to bottom. <u>Set 592' of 5" Extreme Line Liner w/ Halliburton shoe on bottom and a Security setting tool on top. Set @ 4763' w/100 sax. thru a Security plug & 2" pipe which was 10 ft. off bottom Circ. 5 sax. out.</u>
3000	4730	1730	Halliburton ran Temperature Survey Approx. top of cement @ 4155'. Bailed dry and remained dry 3 hrs.
4655	4670	15	Western Perf. 5" L.L. Liner w/6 SPF(jet) Ran 2" w/packer @ 4624. Swab dry and remained dry 3 hrs.
4655	4670	15	Western attempted to acidize perforations. No job. well circulated out. Replaced