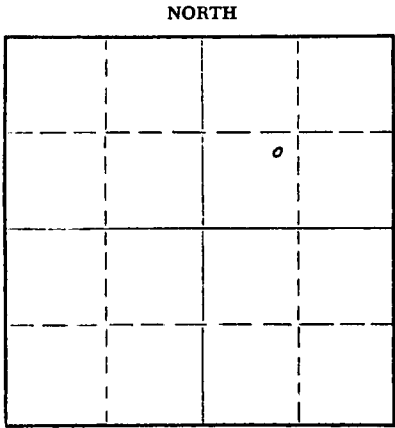


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

15-051-05817-0001

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Ellis County, Sec. 22 Twp. 11S Rge. (X) 17 (W)
Location as "NE/CNW/SW" or footage from lines NE SW NE
Lease Owner Socony Mobil Oil Company
Lease Name J. Johansen Well No. 5
Office Address 300 North Broadway, Wichita 2, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed November 1 19 37
Application for plugging filed August 24 19 60
Application for plugging approved August 25 19 60
Plugging commenced November 11 19 60
Plugging completed November 15 19 60
Reason for abandonment of well or producing formation Uneconomical to produce

If a producing well is abandoned, date of last production April 15 19 58
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Eldon Petty
Producing formation Arbuckle Depth to top 3434 Bottom 3438 Total Depth of Well 3489 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Arbuckle	Oil	3434	3438	5-1/2"	137'	0
				7"	3436	2436
				10-3/4"	1174	0
				16"	56	0

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Plugged back with sand from 3411' to 3400'. Spotted 5 sacks common cement from 3400' to 3375'. Shot 7" casing @ 2430'. Pulled 80 joints (2436') of 7" casing. Spotted mud from 3375' to 500'. Spotted 30 sacks common cement from 500' to 440'. Spotted mud from 440' to 170'. Spotted 30 sacks common cement from 170' to 110'. Spotted mud from 110' to 30'. Dumped rock from 30' to 20'. Spotted 10 sacks common cement from 20' to base of cellar. Filled cellar with dirt.

11-28-60

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Ace Pipe Pulling Company
Address 2905-16th, Great Bend, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
G. S. Young, Jr. (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) G. S. Young, Jr. G. S. Young, Jr.
300 North Broadway, Wichita 2, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of December, 1960

My commission expires August 3, 1964
Notary Public.

15-051-05817-0001

Mobil Oil Company
SUPPLEMENT TO WELL RECORD

X-5070

DATE November 21, 1960

LEASE J. Johansen	WELL NO. 5	DISTRICT Wichita	DIVISION Denver
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STATE Kansas	COUNTY OR PARISH Ellis
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REASON FOR WORK Uneconomical to produce	<input type="checkbox"/> WORK OVER <input type="checkbox"/> CLEAN OUT <input type="checkbox"/> RECOMPLETION <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input checked="" type="checkbox"/> ABANDONMENT
--	---

APPROPRIATION NO. -	AMOUNT REQUESTED \$ -	APPROXIMATE EXPENDITURE \$ 875	ESTIMATED MONTHS TO PAY OUT -
------------------------	--------------------------	-----------------------------------	----------------------------------

WORK PERFORMED BY Ace Pipe Pulling Company	DATE WORK COMMENCED 11-11-60	DATE COMPLETED 11-15-60
---	---------------------------------	----------------------------

PRODUCTION BEFORE
Shut down 4-15-58

POTENTIAL TEST AFTER
Plugged and abandoned

PREVIOUS T.D. 3489	P.B.T.D. 3411	MEASURING POINT -
PRESENT T.D. Plugged and abandoned	P.B.T.D. -	MEASURING POINT -

PREVIOUS PRODUCING FORMATION (S) AND DEPTH (S) Arbuckle 3434-3438	PRESENT PRODUCING FORMATION (S) AND DEPTH (S) P. A
--	---

CHANGE(S) IN CASING RECORD
Pulled 2436' of 7" casing

SUMMARY OF OPERATIONS

Plugged back with sand from 3411' to 3400'. Spotted 5 sacks common cement from 3400' to 3375'. Shot 7" casing @ 2430'. Pulled 80 joints (2436') of 7" casing. Spotted mud from 3375' to 500'. Spotted 30 sacks common cement from 500' to 440'. Spotted mud from 440' to 170'. Spotted 30 sacks common cement from 170' to 110'. Spotted mud from 110' to 30'. Dumped rock from 30' to 20'. Spotted 10 sacks common cement from 20' to base of cellar. Filled cellar with dirt.

Orig: Dist. Office Well Record
cc: Div. Oper. Supt.
Expl. & Prod. Acctg.
Prod. Supvr.

PLEASE CIRCULATE TO:
___DIST. SUPT. ___
___DIST. ENGR. ___
___MALL SUP. ___
___SAFETY SUP. ___
___OFF. MGR. ___
___GROUP SUP. <i>MA</i> ___
___FILE AFTER ___
___DESIGNATED ___
___ROUTINE IS ___
___COMPLETED ___

WTBP

15-051-05817-0001 X-2316

Record of Well No. 5

Owned by MAGNOLIA PETROLEUM CO.

J. Johansen

Farm Ellis County Kansas
 NE SW NE Sec. 22-11S-17W
 District Chase, Kansas

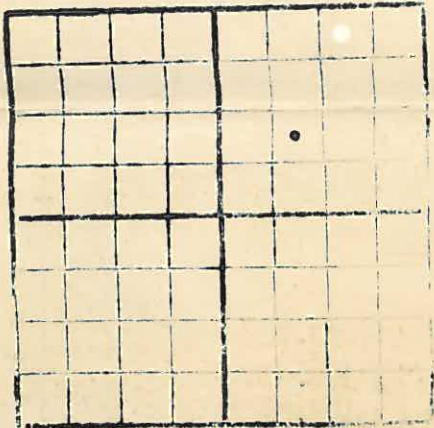
Rig Commenced	Sept. 25	1937	E.B. McMurtry MPCo. Kans. Drlg. Tools	Contractor Contractor
Rig Completed	Sept. 27	1937		
Drilling Commenced	Oct. 1	1937		
Drilling Completed	Nov. 1	1937		
Torpedoed	Qts.			

Kind	Put In		Pulled		Left In		REMARKS
	Ft.	In.	Ft.	In.	Ft.	In.	
16" OD 55# Lapweld Casing	56		0		56		Cemented w/75 Sacks
10-3/4" OD 40# Lapweld	1174		0		1174		Cemented w/525 Sacks
7" OD 24# Seamless	3436		0		3436		Cemented w/200 Sacks
5 1/2" 17# Seamless Liner	137				137		Run when DD

Transfer in No. 865 Csg. Our No.
 No. 866 Tubing
 Estimated Oil Production 2036 Bbls. Pot./Gas
 Voucher No. Pumped Cu. Ft.

FORMATION TOP BOTTOM REMARKS

Sec. 22, Twp 11S, Range 17W



red shale	0	56	Standardized	
16" OD Csg. Set	56			
shale & shells	56	720	Arbuckle lime Cored	3438 3441
sand	720	792	Total Depth - SLM	3441
shale & shells	792	1002		
sand	1002	1040		
shale & lime	1040	1095		
red bed & shale	1095	1145		
anhydrite - top	1145	1159		
hard lime	1159	1174		
10-3/4" Csg. Set	1174			
lime	1174	1210		
red bed	1210	1261		
red bed & shale	1261	1453		
red rock	1453	1480		
blue shale & lime	1480	1580		
shale	1580	1717		
shale & lime	1717	1805		
lime	1805	1860		
shale & lime	1860	1974		
lime	1974	2045		
lime & shale	2045	2134		
lime	2134	2245		
lime & shale	2245	2309		
red rock	2309	2312		
sand	2312	2327		
lime & shale	2327	2710		
lime	2710	2749		
lime & shale	2749	2790		
lime	2790	2815		
lime & shale	2815	2909		
Show of oil	2890			
lime	2909	3136		
Show of oil	3089			
shale & shells	3136	3189		
Show of oil	3175			
lime	3189	3434		
Top Simpson	3408			
Cored	3434	3438		
Top Arbuckle lime	3435	SLM		
7" OD Csg. Set	3436	SLM		

Driftmeter Surveys

OK	at	500'
OK	"	1000'
OK	"	1500'
OK	"	2000'
OK	"	2500'
OK	"	3000'

Contractor's Statement

3441' Drig.	3.75	\$12,903.75
13 Hrs. Coring	9.375	121.88
3 Days Bail & Test	90.00	270.00
2 Days Running Tubing & Rods	90.00	180.00
2/3 Day Pumping Potential	90.00	60.00
		<u>\$13,535.63</u>

HISTORY OF WORK-OVER

W/O Started 12-1-49 :- Completed 1-2-50

Purpose: Plug Back to Shut Off Water

Rigged up cable Tools and pulled rods and 3" tubing. Ran steel line to 3450' (Corrected TD) Dumped sand and plugged back 3450 to 3443'. Ran 2-1/2" tubing w/retainer at 3410' & squeezed w/134 sacks cement under 3000# pressure. Set 48 Hours. Bailed water and tested dry. Drilled cement and cleaned out to 3450'; swabbed and tested 22 hours, 40 Bbls. water/hour. Dumped 5 sacks cement on bottom and plugged back to 3426'; filled hole with water and set 36 hrs. Drilled cement out to 3443' & dumped 2 Gals. plastic. Plastic did not set. Drilled out cement to 3445'; dumped 5 Gals. plastic & squeezed under 325# pressure. Set 24 hours. Top of plastic at 3442'; did not set. Bailed water & tested 24 hours, 3 Bbls. Water/Hour. Drilled plastic & cement and cleaned out to 3450'. Dumped 5 sacks cement & overbalanced with water & plugged back to 3431' - set 48 hours. Bailed water & tested dry. Drilled cement to 3441' and perforated 3439 to 3441' w/12 shots McCullough Jet Gun, hole loaded with 400' of water. Bailed water & tested 12 hours, 9 Gals. water & 1/2 Gal. oil per hour. Acidized w/500 Gals. 15%, 130 bbls. load water thru 7" casing under 400# max. to 50# min.; swabbed load & tested 12 hrs. 40 Bbls. Water & show oil per hour. Drilled cement to 3450' & cleaned out to bottom. Ran 2-1/2" tubing with retainer at 3421' & squeezed with 22 sacks cement under 3000#. Pulled tubing and set 6 days. Bailed water and drilled out cement to 3442'. Shot w/5 qts. Nitro 3439-3442 tamped with 300' sand and hole filled with water. Cleaned out to 3442' and tested 10 hours, 50 Gals. water and show of oil per hour. Ran 2 1/2" tubing and acidized w/500 Gals. 15%, 135 Bbls. load water under 900# max. to 600# min. reversed and washed out 100 Gals. acid; pulled 2-1/2" tubing, swabbed load & tested 12 hours, 6 Bbls. Oil & 10 Bbls. water per hour. Ran 3" tubing and rods and put on pump.

Work performed by C. C. Wright, Great Bend, Ks.

DRILLING DEEPER RECORD

Drilling Deeper Commenced 6-6-51
Drilling Deeper Completed 6-28-51

Work done by C.C. Wright, Great Bend, Kans.

Old TD - 3442'		
shale	3442	3456
lime	3456	3487
Lime (Arbuckle)	3487	3489

Total Depth Drilled	3489'
5 1/2" Liner Bottom @	3466'
PB Depth	3438'

HISTORY OF DD:

OTD 3442' - 7" Csg. @ 3436'

Purpose of DD: DD into second Arb. zone in an attempt to increase prod.

Prod. before DD - 3 BO & 333BWPD
Prod. after DD - 5 BO & 495 BWPD - 20-24"
SPM, Corr. Gravity 32.1°

HISTORY OF DD (Cont'd) 15-051-05817-0001

Move in C/T & pulled 3" Tubing, DD to 3448' & twisted off 6" drlg. bit - fish for bit & then side tracked bit. DD to 3453' & fished out bit, TD to 3469' - cored 3463-66' Rec. 3' hard dolomite; Cored 3466-69'-left core & inside of core bbl. in hole - fished out core bbl. DD to 3472' @ 3470' good show oil. Set 137' of 5 1/2" Liner (btm. liner @ 3466') w/56 sx. cem. 31 sx. out in formation. D/O cem. & bailed hole to btm. Dry, no oil or water. Kone shot form; 3466 1/2' - 71 1/2' w/10 holes. Tested dry. DD to 3474' - bailed 1 1/2 GWPW w/scum oil for 7 Hrs. Acid form; 3466-74' w/250 Gals. 15% acid, press. 600#-vacuum (145 BLW) swab back load & then tested 12 hrs. - 20 PSWPH. PB from 3474-3429' w/8 sx. cem. - bailed & D/O cem to 3467' - tested 8 Hrs. by swab 1/4 pint dead oil & 2 GSWPH. Set LW plug @ 3464'; Perf: 3458-61' w/12 holes-tested 5 hrs. swab: 3 GSWPH, no oil. Set LW Plug @ 3450' - swabbed dry in 3 Hrs. Ran Lane Wells Gamms Ray & Neutrom Eled. log from 2800' to 3450'. D/O LW plug @ 3450' & 3464' - hole full water. Cleaned out iron cutting to 3474' - squeezed w/100 sx. cem, retainer @ 3315' (11 sx in form. & 70 sx washed out) 2500# press. D/O cem. to 3474' - tested dry. DD to 3489' (dry to 3487') Oil from 3487-89' - bailed 10 hrs. 2 GOWPH, 1% water. Acid w/250 Gals. 15% acid, thru 2 1/2" tub. packer @ 3485' (140 BLW) 350# to Vacuum - swab back load, swabbing 700' off bottom, no oil, tested 20 BSWPH. Acid w/500 Gals. 15% acid thru 2 1/2" Tubing-vacuum, swabbing all water (could not get fluid level below 1700') No Oil. Set LW Plug @ 3448' w/1 sx cem. on top, filled up to 3438' - bailed hole dry. Perf. w/Kone shot; 3434-38' w/16 holes - bailed 1 GO & 3 GWPW. Acid w/250 Gals. 15% acid, 350# to Vacuum. (140 BLW) Ran 3" tubing and rods & Put on pump.

Present PB TD - 3438' (Perf: 3434-38')

Contractor's Statement

28-5/6 Da. Day Work @ 225.00	
1-5/6 " WOC @ 112.50	\$6,693.77
Trucking Tools to Loc.	300.00
Welding & Hauling Fishing Tools	107.65
Swab Cups & Rubbers	<u>93.84</u>
	\$7,195.26