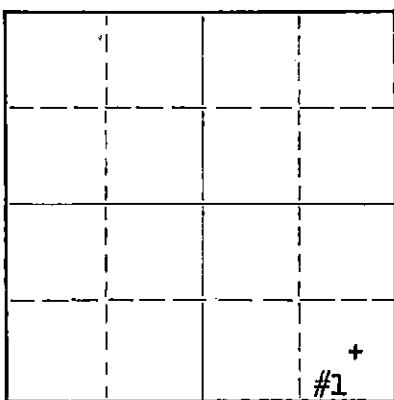


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
300 Bitting Building
Wichita, Kansas

Stafford County, Sec. 23 Twp. 22S Rge. (E) 11 (W)
Location as "NE/CNW4SW4" or footage from lines SE SE NE 330' FSL 330' FEL
Lease Owner Magnolia Petroleum Company and Southland Royalty Co.
Lease Name U. A. Gore Well No. 1
Office Address P. O. Box 900, Dallas, Texas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 5-1 19 50
Application for plugging filed 12-7 19 56
Application for plugging approved 12-18-56 56
Plugging commenced 12-26 19 56
Plugging completed 12-30 19 56
Reason for abandonment of well or producing formation Well not economical to operate
If a producing well is abandoned, date of last production Temp Abandon 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Mr. R. M. Brundage
Producing formation Arbuckle Depth to top 3802' Bottom 3805' Total Depth of Well 3805' 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 & water	3802'	3805'	5 1/2"	3804'	2842'

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.

Move in tools, rigged up. Pumped sd from 3641-3495'. 5 sx cement, top: 3465'. Pulled 19" tension - 100#. Shot 5 1/2" csg off @ 3005'; 2888'; 2828'. Moved 6" : 2828'. Pulled 60 joints of 5 1/2" casing. Pulled 30 joints & 12' 5 1/2" casing. Total of 2842' 5 1/2" casing. Mudded up to 275'. Set rock bridge 275-270'. Dumped 20 sx cmnt 270-210'. Mudded up to 35'. 5' rock bridge to 30'. Dumped 10 sx cement from 30' to base of cellar.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor ~~Temping Drilling Company~~ Ace Pipe Pulling Company
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
C. O. Turner (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) C. O. Turner

SUBSCRIBED AND SWORN to before me this 2nd day of January, 19 57

My commission expires Jan. 14, 1957

(Address) Warrick S. Kaiser

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STATE CORPORATION COMMISSION

PLUGGING 14W
FILE SEC. 23 T. 22 CONSERVATION DIVI
BOOK PAGE 186 LINE 22
Wichita, Kan.

WELL LOG

U. A. Core #1 (P. I.)
SE-SE NE
Section 23-22S-11W
Stafford County, Kansas
Oscar Pool

Elevation: 1933' KB

Total depth: 3809' KB

Drilling Commenced	4-12-50	Barnett Drlg Inc, Wichita, Kansas
Drilling Completed	5-1-50	ditto
Plugging Commenced	12-26-56	Ace Pipe Pulling Company, Great Bend, Kansas
Plugging Completed	12-30-56	ditto

Casing Record:

8-5/8" 28# 8R Thd Lapweld Gr F-25 R-1	Put in: 330' 6"	Pulled: None	Left in: 330' 6"
5-1/2" 11# 8R Thd API SS Gr H-40 R-2	Put in: 3798'	Pulled: None	Left in: 3798'

Formation Record:

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Formation</u>	<u>KB</u> <u>Depth</u>	<u>Sub-Sea</u>
Surface clay & sand	0	235	Lansing - KC	3450'	-1521
Sand & shale	235	285	Viola	3710'	-1777
Red bed & shells	285	338	Simpson	3745'	-1812
Red shale & shells	338	600	Arbuckle	3802'	-1869
Red shale	600	825			
Anhydrite	825	850			
Shale & shells	850	880			
Red bed	880	965			
Blue shale	965	1030			
Red bed, shale & shells	1030	1150			
Shale & shells	1150	1630			
Lime & shale	1630	1760			
Lime	1760	1930			
Lime & shale	1930	2510			
Shale & lime	2510	2810			
Lime & shale	2810	3090			
Lime	3090	3705			
Lime & chert	3705	3750			
Lime	3750	3805			
Lime	3805	3809			

Total depth	3809 KB
Oil String seat	3803 KB
Plug back depth	None

Drill Stem Tests:

#1, 3506-111' Tool open 30 mins, gas to surf; in 18 mins (est gas 2,000 MCF/Day;) rec 270' oil, slight mud cut. BHFP 950#.

History of Completion:

Drld to 3805'; ran & cemented 5-1/2" csg 2' off bottom. Set 72 hrs & tested okay. Rigged up Cable tools & drld out cement to 3805'; swbd & bailed 2-1/4 bbls oil/hr for 20 hrs; no wtr; w/400' oil in hole. Corrected gravity 35°. Drld deeper from 3805-3809'; swbd on test 4-1/2 bbls oil/hr - no wtr for 5 hrs. Ran 2" tubing set 3' off bottom @ 3806'. Acid section 3805-09' w/500 gals 15% acid thru 2" tubing 500-200# after pump shut down pressure dropped to vac in 10 mins. Put in 64 bbls load oil. Ran rods, put on pump; rec all of load oil. On 4 hrs pump test pumped 13-1/2 bbls oil - cut 6% acid wtr. 5-3-50 pump test; pump 11 bbls oil/hr, no wtr for 8 hrs. 44" stroke, 21 Spm 1-3/4" insert pump. 5-3-50 ran Halliburton fluid level test. Too low for fluid level potential. Well compl by affidavit 5-2-50 as minimum well or 25 bbls oil/day.

Acid Treatment - 7-28-50 - Acidized w/1000 gals 15% acid thru 2" tubing.
Prod before: Well dead, paraffined up.
Prod after: Pumped 80 BOPD & no wtr.

WORKOVER COMMENCED: 6-2-53

WORKOVER COMPLETED: 6-17-53

PURPOSE OF WORKOVER: To plug back & test Kansas City Zone in attempt to increase production.

PLUGGING	
FILE SEC. 23 T. 22 R. 14W	
BOOK PAGE 126 LINE 32	

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APR 16 1957

COMMISSION DIVISION

HISTORY OF WORKOVER: Moved in cable tools & rigged up; pulled 2" tbg & 3/4" rods, cleaned out to bottom @ 3809'; set plug @ 3760', per 3506'-14' w/32 Jet holes; test w/bailer 10 hrs 15 gal oil & 15 gal water per hr; acidized perf 3506'-14' w/1000 gal thru 5-1/2" csg, vac all the way, 86 BLW, swbd load back, 5 hr test w/swb 3/BOPH & 2 BWPB, 32° grav oil @ 75°; 15 hr swb test 21 BO & 25 BW, mostly acid water; swb 26 BO & 48 BW in 20 hrs; set plug @ 3501' perf 3492'-95' w/12 holes, tested 5 hrs - very small show oil; acidized w/2000 gal thru 5-1/2" csg, 900# - Vac, 90 BLW - swb LW back, tested 3 hrs w/swb 5 BO & 72 BW; swbd 9 hr 1/4 BO & 25 BWPB, 300' off bottom, ran 2" tbg, set retainer @ 3472', squeezed perf 3492'-95' w/250 sx cmnt, 3000#, 225 sx cmnt in form, returned 25 sx thru 2" tbg, pulled 2" tbg, bailed hole dry, tested dry 2 hrs; drilled cmnt & retainer to 3490', perf 3481'-86' w/20 Kone shots, no show; acidized w/2000 gal acid thru 5-1/2" csg, 1700#-350# vac in 5 min after pump shut down, 83 BLW, swbd LW back, test w.swb 7 hrs 25 bbl SWPB, 700' off bottom; set retainer @ 3445' and squeezed perf 3481'-86' w/250 sx cmnt, 3500#, 200 sx in form, returned 50 sx cmnt thru 2" tbg, pulled tbg; bailed hole dry, drilled cmnt & retainer to 3501', tested dry 2 hrs; drilled bridge plug @ 3501' to 3760' (old PB depth), tested dry 4 hrs; perf 3506'-14' w/32 Kone shots, tested 1 hr, sli stain; acidized w/2000 gal acid thru 2" tbg, packer set @ 3498' 1300#-750# vac in 1 min after pump shut down, 86 BLW, pulled tbg, swbd LW back, tested w/swb 2 hrs, 20 BO & 2 BWPB; tested 7 hrs w/swb, 4 BO & 5 BWPB, ran tbg and rods & put well on pump, tore down tools. Supervised by: Reo M. Capps, MFCo Ass't Prod Foreman.

PROD BEFORE WORKOVER: 6 BOPD & 22 BWPB from Arbuckle

PROD AFTER WORKOVER: 95 BOPD & 105 BWPB from Kansas City

WORKOVER COMMENCED: 10-3-56 Tompkins Drilling Company, Great Bend, Kansas

WORKOVER COMPLETED: 12-7-56

PURPOSE OF WORKOVER: Squeeze cement perfs 3506'-14', perf Viola Chat 3714'-20'; 3730'-36'; both zones fractured together down casing w/10,000# sd in 10,000 gals gelled lse oil. If Viola is not productive, perf Lansing-KC fr 3598'-3606' & acidize if necessary. If production is not established, then P & A well.

HISTORY OF WORKOVER: MICT, Rigged up. Pulled rods & tbg. Ran 2" tbg w/2" retainer set @ 3470'. Sq. perfs 3506'-14' w/120 sx Pozmix. Max press 3000#. 55 sx in formation. Tbg split. Reversed out no cement. Pulled 2" tbg. Prep to clean out cement top of retainer to 3470'. Squeezed off Kansas City formation. CO to 3468'. Bailed hole dry in 6 hrs. Drld out cmnt retainer. Retainer @ 3470'. Drld cmnt 3500'-14'. CO to 3760'. Tested dry 2 hrs. Perf 3730'-36' (24 holes). Tested dry 4 hrs. NS. Spotted 200 gals MCA on perfs 3730'-36'. Max 675#, min 500#, 5 min SI 275#. Flushed w/97 BLW. Total load 102 BLW. Swbd 97 BLW in 5 hrs. Bail tested 4 hrs. 1 gal oil + 5 gal AW/hr. Minus 5 BAW. Ran 2" tbg to 3710'. Spotted 250 gals MCA on bottom. Sd frac perfs 3730'-36' w/6000# sd + 6000 gal lse oil. Break w/oil 1700# - 1500# w/28 bbls. Rate 20 BPM. Treat press 1700# max 1350# min, final 1500#. Rate 21 BPM 10 mins SI 400#. Total 501 BLO. Ran rods & POP. CT released 8 PM 10-8-56. Pumped 85 BLO, est 85 BW - 18 hrs. Down 6 hrs. Gas volume est 450 MCF/day. Pmpd 1 BLO + 216 BW - 24 hrs. Pulled rods & tbg & put on 1-3/4" line pump. Ran rods & tbg & POP. Pumped 11 BLO + 429 BSW - 22 hrs. Down 34 hrs for engine trouble. Pumped 4 BLO + 356 BSW - 24 hrs. CP 90#. MICT, rigged up. Pulled rods & tbg. Set DC retainer @ 3726' on 2" tbg. Fluid standing @ 1800'. Hole would not load. Pumped thru 2" tbg @ 1500' @ 2 1/2 BPM. Csg vac. Prod gas thru csg after killing well. Gas fr KC. No press on tbg. Viola perfs 3730'-36' tested w/2" tbg swbd thru DC tool. 1 hr test sli show of oil & 10 gal wtr/hr. Dropped ball on DC tool & pressured up. Made bridge plug out of DC tool. Tested tbg @ 3200# - split 1 jt tbg. Pulled tbg; swbd w/5 1/2" swab. Sbd 2 BLO + 173 BSW - 5 hrs. Swbd to 3200'. 35 bbl fl/hr @ 3200'. Fluid coming fr perfs 3506'-14', good gas voluem. DC retainer @ 3726' (temp PB). Set HRC pkr @ 3478' on 2" tbg. Sq perfs (KC) 3506'-14' w/160 sx Pozmix. Max press 3500#. Rev out 35 sx. Pulled pkr up 49' & reset @ 3677'. Waited 3 hrs. Pressured up to 3500#. OK. Pulled 2" tbg & pkr. Sq job complete 10-27-56 @ 6 PM. Bailed hole @ 2100'. Temp PB 3726', bailed hole to 3478'. Drld cmnt 3478'-3514', tested dry 2 hrs. Perf 3710'-20' w/40 holes tested 3 hrs - dry. Ran Guiberson pkr on 2" tbg set @ 3678' w/tail pipe @ 3708'. Acidize perfs 3710'-20' w/250 gals MCA. Max press 1750#, min press 1150#. Dropped 600# in 20 mins. Flushed w/20 bbls. Swbd 15 BLO thru tbg in 8 hrs. Visofrac perfs 3710'-20' w/pkr @ 3678' w/5000# sd + 5000 GLO. Break w/oil @ 3750# w/15 bbls. Rate 7 1/2 BPM. Treat press max 3750#, min 3750#, rate 7 1/2 BPM to 1500# in 3 mins - 1100# in 15 mins. Used 200 BO. Total oil 200 bbls. Pulled 51 jts tbg, well flowed 169 BLO in 8 hrs. Est gas vol 400 MCF/day. Flowing gas - no choke. Pulled 2" tbg & pkr. Ran 2" tbg to 3722'. Ran rods & POP. Est gas vol 200 MCF/day, gas weakening. Pumped 10 BLO + 6 BAW - 6 hrs. Gas locked - down 8 hrs. Est gas vol 200 MCF. Temp PB 3726'. Gas has declined. Shot fluid level - top @ 1700'. Pumped NF - 24 hrs. Gas locked. SI csg to pressure up. Pumped 20 BLO + 1 BW - 24 hrs. Est gas vol: 50 MCF/day. Shot fluid level @ 3450'. Pumped NF 24 hrs. Pulled rods & checked pump - put in new seating nipple cups. Reran rods & POP. Pumped NF - 12 hrs. Dumped 5 bbls wtr in csg.

Pumped 5 BW back in 3 hrs. Pulled rods & tbg. Rigged up sand line on pulling unit. Ran sand pump several times - rec very little sand. Bailed 500' of fluid from hole in 5 hrs. 200' fluid in hole. Bailed 3 BLO + 3 BSW - 5 hrs. Bailed dry. Tested 2 hrs - tested 10 gal oil + 1 gal water/hr. Bailed 1½ BLO + 1 BSW - 2 hrs. Bailed dry. Bail tested ¼ hrs. Rec 3½ gals + tr wtr/hr. Shut down. Moved out pulling unit & wait on further orders. Move in PU & set bridge plug @ 3650'. 500' fluid in hole. 3641 temp PB. Bailed hole. Tested dry 1 hr. Dumped 1 sx cmnt on plug. Top of cmnt @ 3641'. Perf 3603-09' w/24 jet holes. Show of gas. Bailed 25 gals SW after 17 hr SI. Ran 2" tbg w/pkr @ 3580'. Acidize perfs 3606-09' w/1000 gals 15% reg. Max press 600# to vac. Flushed w/18 BAW. Swbd 33 BLW in 5 hrs. NS. Pulled 2" tbg & pkr. NS. Temp abandon 12-7-56.

SUPERVISED BY: R. M. Capps, MPCo Production Foreman.

PROD BEFORE: 3 BOPD + 12 BWPD PROD AFTER: Temp Abandon

PLUGGING AND ABANDONMENT RECORD:

Plugging Commenced: 12-26-56
Plugging Completed: 12-30-56

History of Plugging: Moved in tools, rigged up. Pumped sd fr 3641-3495'. 5 sx cmnt, top @ 3465'. Pulled 19" tension - 100#. Shot 5½" csg off @ 3005'; 2888'; 2828'. Moved 6" @ 2828'. Pulled 60 jts. Pulled 30 jts & 12' 5½" csg. Total of 2842' of 5½" csg. Mudded up to 275'. Set rock bridge 275-270'. Dumped 20 sx cmnt 270-210'. Mudded up to 35'. 5' rock bridge to 30'. Dumped 10 sx cmnt fr 30' to base of cellar.

Plugging supervised by R. M. Capps, MPCo Production Foreman.