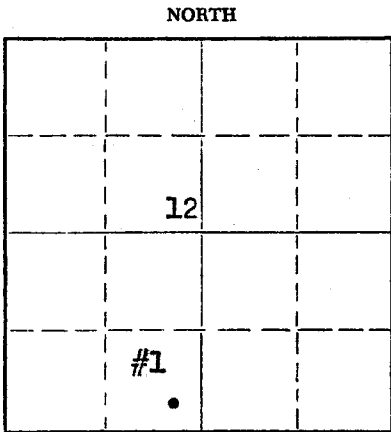


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

Harper County. Sec. 12 Twp. 31S Rge. 7 (E) 9 (W)
Location as "NE/CNW/SW" or footage from lines 330 FSL 330 FEL of SW/4
Lease Owner Socony Mobil Oil Co., Inc.
Lease Name Frederick W. Grabs Well No. 1
Office Address Box 770, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 7 - 8 19 54
Application for plugging filed 11 - 23 19 59
Application for plugging approved 11 - 24 19 59
Plugging commenced 12 - 12 19 59
Plugging completed 12 - 19 19 59
Reason for abandonment of well or producing formation Uneconomical to operate;
no workover possibilities
If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? Yes



Locate well correctly on above
Section Plat

Name of Conservation Agent who supervised plugging of this well Fred Hampl, Pretty Prairie, Kansas
Producing formation Mississippi Depth to top 4375 Bottom Unk. Total Depth of Well 4500 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
Mississippi	Oil, gas, wtr	4380	4417	10-3/4"	222	None
				7"	4486	2923

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.

PB w/sd to 4370'; 5 sx cmnt to 4345; pulled csg; heavy mud to 230'; set rock bridge 230' to 220'; 25 sx cmnt to 170'; heavy mud to 35'; set rock bridge 35' to 30'; 15 sx cmnt to base of cellar; filled to surf w/dirt.

RECEIVED
STATE CORPORATION COMMISSION

DEC 31 1959

CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Ace Pipe Pulling Co.
Address Box 304, Great Bend, Kansas

STATE OF Kansas COUNTY OF Barton ss.
C. O. Turner (employee of owner) 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
Box 770, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 30th day of December, 1959

My commission expires January 15, 1963
Reva C. Brown Notary Public.



AGROLIA PETROLEUM COMPANY WELL RECORD

Total Depth Surface 11,657' Well No. 1 Lessee Name Frederick W. GRAB
 Oil Service AGROLIA Well No. 1 Field GRAB
 Type Well COMPLETED SINGLE OIL WELL District CHASE
 Vertical or Deviated Well VERTICAL Type PUMP/OG District CHASE
 County HARRIS State KANSAS State Reg. District GREAT BEND, KANSAS
 Date 12 Year 1954 Well Name 9 M Distance From Nearest Town MI North of Altus, Kansas
 Location of Well: 28 1/2' S. 130 2/3' E. & 330' PBL. OF SW 1/4 of Sec

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked	5/22/54	L. G. Case & Carl Turner, MFC, Civil Engrs.	
Collar & Pipe	5/27/54	Harry Bass Drilling Co., Dallas, Texas	
Commenced Excavation	5/27/54	" " " " "	
Completed Excavation	5/27/54	" " " " "	
Commenced Drilling In	5/27/54	" " " " "	
Initial Drilling in Completion	5/27/54	" " " " "	
Commenced Drilling (Total Depth)	6/8/54	" " " " "	28 1/2' P.
Completed Drilling (Total Depth) 6500'	6/28/54	" " " " "	
Moved in Cable Tools	5/29/54	Tompkins Drilling Co., Great Bend, Kansas	
Oil Spring Casing Set 4498'	6/27/54	Harry Bass Drilling Co., Dallas, Texas	
Pipe Back (Final) 4418'	7/1/54	Tompkins Drilling Co., Great Bend, Kansas	
Perforations (Final) 4434-4439'	7/5/54	Perforating Guns Atlas, Great Bend, Kan.	
Completed Subsurface Installations (Final)	7/21/54	Under the Supervision of M. G. Brel-ford, MFC Production Foreman	10 3/4 x 7" Nat'l Type "B" Gaged, Flange
Completed Well Head Installations (Final)	7/22/54	" " " " "	Series 600, 3000#
Commenced Production in (Final)	7/22/54	" " " " "	12 1/2" working pressure
Well Abandoned (Final)	7/28/54	" " " " "	150' w/2 2" cables
Completed Abandonment		Company Completion Date 7/8/54	

* Insert the first work started, as: Build Road, Build Board Road and Turn around, Dig Canal, Clear and/or Grade Location, Lay fuel and Water Lines, Dig Slack Pit, Build Rig Foundation; or, install Drilling Foundation.

NO. DAYS WATER USED None Part by Contractor : SOURCE Hauled
 NO. DAYS FUEL USED None " " " : KIND Autogas : SOURCE Hauled

Measuring Point Will Be DP 1631' Ground Kelly Bushing Kelly Bushing to Surface Csg.
 Kelly Drive Bushing 1632.5' Elevation 1622.35' To Gr. Elev. 109.15' Surface Csg. Flg. 11,657' Flange Elev. 1620.85'

TRANSFER NO. IN 1993 1977 CASING, TUBING, & CEMENTING RECORD Transfer No. Out

Size	Weight	Collar & Threads	Kind	Rgs	Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
						Put In	Pulled	Left In		
10 3/4"	44.34	ARMO	S J	3	0	234'		234'	None	None
7"	20.0	B RT	J-55	2	143	4498'		4498'	None	8-4490, 4464, 4432, 4400, 4368, 4336, 4304 & 4272
2 1/2"	4.75	B RT	J-55	2	152	4438'		4438'	None	

10 3/4" Csg set @ 2343' w/225 sz cement, 6/8/54
 7" Csg set @ 4498' w/200 sz cement, 6/27/54

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 24 1958
 CONSERVATION DIVISION
 Wichita, Kansas

SECTION NO. 1 - PRODUCTION TEST OR POTENTIAL TEST DATA

Single Oil Well Completion - Flowing Tests	Production test dated 7/26/54, well flowed 11:30 & 9:30M per day on 12/64" Choke thru 2" tub, perf 4434-49', Mississippi Form, TP 11.5, GP 300#, GOR 23,50 to 1. Allowable 24 BOPD. This well Sand Oil/Fract prior to above test. Skelly Oil - Gas/Oil Purchaser.

* If casing and tubing are cemented, and cemented full width of the casing, also complete cementing record as follows: Where loaded, Amount and kind of cement, Weight and Volume of Cement, Strength of Cementing, Cement Type, Shrinkage per Gal. and WOC Hours.

Copy this record of well record by sections, in the order listed below, carefully following instructions in the Field Manual for each section. Use the reverse side of this sheet for subsequent sheets of Form E-677. As needed.

- | | |
|--|---|
| <ul style="list-style-type: none"> Section 1 - Production Tests and Potential Test Data Section 2 - General Summary Section 3 - Casing Installation Section 4 - Well Completion Section 5 - Perforations and Cementing Record Section 6 - Recovery | <ul style="list-style-type: none"> Section 7 - Core Records Section 8 - Bit Record Section 9 - Abandoning or Other Completion Operations Section 10 - Summary of Operations Section 11 - Equipment Record Section 12 - Drilling & Maintenance |
|--|---|

BAGNOLIA PETROLEUM COMPANY WELL RECORD

SECTION NO. 2 - FOUNDATION SUMMARY Data taken from Monthly Report, Co. No. Records & 4/28/59

Formation	From	To	D.S.T.	Test Log	H. & L.R.	Results - overburden
Shale						
Sand & shale						
Sand & shale & sand bed	191	248				
Sand bed, shale & shale	201	248				
Sand bed, shale & shale	191	248				
Sand & shale	121	201				
Shale & shale	161	191				
Shale	101	161				
Shale & shale	101	191				
Shale	191	248				
Shale & shale	201	248				
Gyp shale	211	248				
Shale & shale	201	248				
Shale & shale	201	248				
Shale & shale	211	248				
Shale & shale	191	248				
Shale	170	191				
Shale & shale streaks	191	248				
Shale & shale	191	248				
Shale	191	248				
Shale & shale streaks	421	431				
Shale	411	431				
Shale & shale	418	431				
Shale & shale	418	431				
Shale	430	431				
Total Depth		430				
Final depth depth		430				
Oil at Log Set		430				

RECEIVED
STATE CORPORATION COMMISSION
NOV 24 1959
CONSERVATION DIVISION
Wichita, Kansas

GR-N Perf Date Atlas GR-N 3400-4458

SECTION NO. 3 - DRILL MEASUREMENTS

Drill Pipe	Stam	# of Meas. Log	Kelly Downing	Surface Flange
Depth	Line	# of Meas. Log	to Flange 11.5'	Depth (')
Drill Pipe Depth	0	0		0
Running Stem (Surface Flange)	0	0		227
Running Stem (Oil String)	0	0		400
Iron Pipe	0	0		424
Final depth	0	0		430
Performance	434-51	412-51		422.35 - 41.35

(*) Data has correct measurements from Surface Casing Flange as permanent datum.

SECTION NO. 4 - DRILL STEM TESTS Data taken from Monthly Report and S.C. Reports

No.	Date	From	To	Kind of Test	Fluid	Crk. Hrs.	Pressure	Results
1	6/23/54	476'	439'	Open Hole	Water	3 1/2	1 hr.	Op. 1 hr gas in 3 min. ran 100 GPM w/ stain oil (very thin) FP 52, SIBHP 1150 in 30 min.
2	7/2/54	440'	430'	Open Hole	Water	1 1/2	1 hr.	Op. 1 hr with blow, ran 100 GPM w/ stain oil, FP 52, SIBHP 417 in 1 min.
3	7/2/54	430'	430'	Open Hole	Water	1 1/2	1 hr.	Op. 1 hr with blow, ran 100 GPM w/ stain oil, FP 52, SIBHP 417 in 1 min. blow through test, ran 100 GPM w/ stain oil & gas out and 100 GPM oil & gas out mid test, FP 52, SIBHP 417 in 30 min.

MAGNOLIA PETROLEUM COMPANY
WELL RECORD

SECTION NO. 5 - PERFORATING AND SOLUBLE PLUGS: Data taken from Morning Report & Sv Co Reports

PERFORATING RECORD:

No.	From	To	Size	No. Strips	Kind	Depth	Remarks
1	4434	4444	5/8"	60	Jet	11	
2	4434	4439	5/8"	30	Jet	13	

SOLUBLE RECORD:

No.	From	To	Total	Cost Used	Press	Flux	Remarks
1	4434	4444	4424	300 ex.	4500#	4440'	

SECTION NO. 6 - SURVEYS PERFORMED:

No.	Kind	From	To
1	Perforating Guns Atlas Corp Gamma Ray-Neutron	3400'	4458'

TOTAL DEVIATION SURVEY

Depth	Off Vertical
500	1/4 Degree
1000	1/4 Degree
1500	1 Degree
2000	3/4 Degree
2500	1/2 Degree
3000	3/4 Degree
3500	1 1/4 Degrees
4000	3/4 Degree
4500	3/4 Degree

Average Hole Dia. 4"

NO DIRECTIONAL SURVEY - VERTICAL HOLE

RECEIVED
STATE CORPORATION COMMISSION
NOV 24 1959
CONSERVATION DIVISION
Wichita, Kansas

SECTION NO. 7 - CORE RECORD: There were no cores taken on this well - Data from Geological Ltr.

TOP LANSING 3633' (-2002) 5' low to Beardmore's #2 Muir to the Northeast.
 TOP MISSISSIPPIAN 4374' (-2743) 4' high to Beardmore's #2 Muir to the Northeast and 9' high to Beardmore's #1 Muir to the East.
 ✓ 4374-490', mostly wh & org fresh opaque ex, some very sp. tripolitic porosity w/sat. lt. str. RECOMMEND TESTING PRIOR TO ABANDONMENT.
 ✓ 4408-17', wh. tripolitic calc. ex. w/sat. str in-poor porosity. RECOMMEND TESTING.
 ✓ 4434-72', mostly sat. str (tr. sp. str below 4450) in good tripolitic porosity, live gassy oil and good odor in wet samples.

SECTION NO. 8 - BIT RECORD:

No. Used	Size	Kind	From	To
1	1 1/2"	Reedbit	0	235'
13	9"	"	235'	4500'

SECTION NO. 9 - ACIDIZING OR OTHER COMPLETION OPERATION: Data from Morning Report & Sv Co Rpts.

7/6/54 - Sand Oil Fract #1 (4434'-39') input test w/oil - 2700#, 250 GMCA, 2400-1300#, 1200# sand, 2600 gal lse oil @ 5200#-2600#, returned 250# sand.
 7/8/54 - Sand Oil Fract #2 (4434'-39') input test w/oil 4 bbls per min @ 3500#, 630# sand, 825# gal lse oil @ 2600-2000#, returned 1100# sand. Input test 4 bbls oil per min @ 5100#, 1400# sand, 2680 gal lse oil @ 4800-2600#, sand off, returned 770# sand.

WELL RECORD

SECTION NO. 11 - SUMMARY OF OPERATIONS: Data taken from Logging Report

(1) **Drilling and Exploratory Operations Performed:**

6/8/54 Spudded & set 30 3/4" Csg @ 234' w/285 ex. cont. **N.O.C.**
 6/23/54 D.S.T. #1
 6/25/54 D.S.T. #2 & D.S.T. #3
 6/27/54 Set 7" csg @ 298' w/200 ex. cont. **N.O.C.**

(2) **Completion Operations Performed:**

6/29/54 Moved in Cable Tools and bailed hole drv
 6/30/54 Run Gasforsting Cass Atlas Corp C-11 Log A Perf #1
 7/1/54 Squaring Job #1
 7/2/54 Bailing hole - testing
 7/5/54 Perf #2
 7/6/54 Sand Oil Fract #1
 7/7/54 Ran 2 1/2" tub set packer 440' - swb thru 2 1/2" tub 56 HLO 17 BSW 16 1/2 hrs. - 49 HLO
 7/8/54 Sand Oil Fract #2
 7/9/54 Packer stuck, washing sand out
 7/10/54 Got stuck packer loose
 7/11/54 Circ out 4420' 440', swab 9 hrs 144 HLO 11 BSW, - 251 HLO (started to show Gas) swb 250' off bottom.
 7/12/54 Swab 57 HLO 5 hrs thru 2 1/2" tub, well kicked off & flowed 25 BO 45 min, Shut In
 7/13/54 Flowed 60 HLO & 2 BSW in 24 hrs 3 1/4" Ck, TP 50-350, CP 375-250#
 7/14/54 Flowed 40 HLO & 1 BSW in 24 hrs (Minus 16 HLO) 16/64" Ck, TP 100#, CP 250#
 7/15/54 Flowed 29 HLO & 1 BSW in 24 hrs 18/64" Ck TP 115# CP 225# - 37 HLO OUR 30,000 to 1
 7/16/54 Flowed 14 HLO & 14 BSW in 24 hrs 16/64" Ck TP 115# CP 225# - 29 HLO
 7/17/54 Flowed 15 HLO & 13 BSW in 24 hrs 1 1/4" Ck TP 100# CP 225# - 8 HLO
 7/18/54 Flowed 14 BO & 11 BSW thru 1 1/4" Ck TP 100# CP 225# - 6 HLO
 7/19/54 Flowed 13 BO & 11 BSW in 24 hrs 1 1/4" Ck TP 100# CP 250#
 7/20/54 Flowed 7 BO & 6 BSW in 11 hrs 14/64" Ck TP 100# CP 250#
 7/21/54 Flowed 19 BO & 14 BSW in 24 hrs 16/64" Ck TP 100# CP 250#
 7/22/54 Flowed 14 BO & 11 BSW in 24 hrs TP 125 CP 300#
 7/23/54 Flowed 13 BO & 11 BSW in 24 hrs 1 1/4" Ck TP 125# CP 275# OUR 23,500 to 1
 7/24/54 Flowed 11 BO & 9 BSW in 24 hrs 11/64" Ck TP 115# CP 300# - Gr Oil Corr 29.0#
 7/25/54 Flowed 10 BO & 8 BSW in 24 hrs 11/64" Ck TP 125# CP 300#
 7/26/54 Flowed 10 BO & 8 BSW in 24 hrs 11/64" Ck TP 125# CP 300#
 7/27/54 Flowed 10 BO & 8 BSW in 24 hrs 11/64" Ck TP 125# CP 300#

SECTION NO. 11 - FORMATION RECORD: Data taken from Geological Letter

Formation	Depth	Sub-Sea	Source
Lansing	3633'	-2002	Samples JBR
Mississippian	4376'	-2743	
Approx. Gas-Oil Contact	4300'		
Rotary Total Depth	4500'		
Plug Back Depth	4440'		
Lansing	3633'	-2002	PGA Log
Mississippian	4375'	-2744	

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 24 1959
 CONSERVATION DIVISION
 Wichita, Kansas

SECTION NO. 12 - PLUGGING AND ABANDONMENT RECORD

MAGNOLIA PETROLEUM COMPANY
WELL RECORD

X-6777 (11-51)

WORK-OVER COMMENCED: 4-6-55 Tompkins Drilling Co.,

WORK-OVER COMPLETED: 4-22-55 Great Bend, Kansas

PURPOSE OF WORK-OVER: To squeeze present perforations; perforate upper zone in an attempt to increase present production in the Mississippi formation.

HISTORY OF WORK-OVER: Moved in Cable Tools, rigged up; pulled rods & 2" tub; cleaned out to bottom 4440' PB; ran 2" tub w/retainer set @ 4427'; squeeze perf 4434-39' w/235 sx pozmix 4400#, reversed out 35 sx, 3 sx in pipe, 197 sx in formation; pulled 2" tub & packer, bailed & tested hole dry, PB 4423'; perf 4408-17' w/54 1/2" bullets; bailed 1/4 OO & 1/4 GWP for 6 hrs; ran 2" tub w/packer set @ 4369'; Vis-O-frac perf 4408-17' w/1100# sand & 1350 gal lse oil, input w/oil 6.3 BPM @ 4600#, treat press 4100#-6300# rate 2.3 BPM; 184 BLO; pulled 2" tub & packer; bailed out 900# sand; swb entire load back in 6 hrs; hole bailed dry for 12 hrs; no oil, gas or wtr; ran 2" tub to 4406' w/packer set @ 4366'; acidized perf 4408-17' w/500 gal MCA treat press 1500#-1100# rate 1 BPM; 51 BLO; swb 23 BLO back; Vis-O-frac perf 4408-17' thru 2" tub w/packer set @ 4358' w/2400# sand 2400 gal lse oil, input w/oil 4-3/4 BPM @ 3400# treat w/sand 3650#-3000# 4-3/4 BPM, total 193 BLO; swb 25 BLO in 3 hrs; flowed 52 BLO in 10 hrs on 3/4" ok TP 210#; flowing 3 BLOPH recov all load oil in 72 hrs; well cleaned out & put on line. (PB 4423', prod perf 4408-17').

SUPERVISED BY: H. G. Brelsford, MPCo Production Foreman.

PROD BEFORE: 1 BO & 125 BSWPD

PROD AFTER: 44 BO & 44 BSWPD

WORK-OVER COMMENCED: 8-22-55 Tompkins Drilling Co.,

WORK-OVER COMPLETED: 9-13-55 Great Bend, Kansas

PURPOSE OF WORK-OVER: To sand/oil frac present perf. in attempt to increase production.

HISTORY OF WORK-OVER: Moved in Cable Tools, rigged up; Killed well & pulled rods & 2" tub; cleaned out to bottom (4423 PB); set Baker Bridge Plug @ 4398; dumped 5' Hydromite on top of plug; fill up (4393 PB); perf. 4380-90 w/60 15/16" bullets; ran 2" tubing to 4378 w/PM packer set @ 4348; swb 17 BLO in 5 hrs. & swbd hole dry in 3 hrs.; sand/frac perf. 4380-90 thru 2" tubing w/packer set @ 4378, w/5000# sand and 5000 gal. lse oil; break w/oil 3400# rate 5 BPM; treat press. 4100#-3600# - final 3900# rate 3BPM; pulled 2" tubing & packer; cleaned out sand on bottom w/sand pump; drove bridge plug from 4398 to 4423 (OPB); ran 2" tubing & rods & POP; pumped 119 BLO & 10 BSW in 14 hrs. (-219 BLO) CP 150#; recov. 211 LO on 9-12-55 (PB 4423 Perf. 4380-90) w/oil.

SUPERVISED BY: H. G. Brelsford, MPCo Production Foreman.

PROD BEFORE: 3 BO & 3 BSWPD

PROD AFTER: 8 BO & 19 BSWPD

RECEIVED
STATE CORPORATION COMMISSION

NOV 24 1959

CONSERVATION DIVISION
Wichita, Kansas