

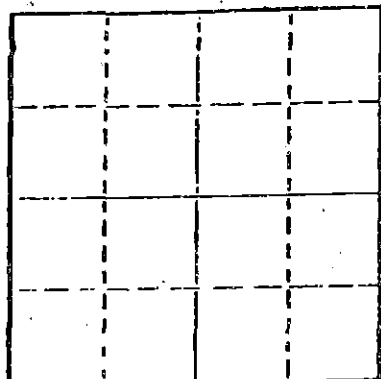
STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Kingman County, Sec. 2 Twp. 30 Rge. 7W E/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
NE NW NW

Lease Owner Mobil Oil Corporation  
Lease Name Catlin #3 Well No. \_\_\_\_\_  
Office Address Oklahoma City, Oklahoma  
Character of Well (Completed as Oil, Gas or Dry Hole) \_\_\_\_\_



Locate well correctly on above  
Section Plot

Date Well completed 19\_\_\_\_  
Application for plugging filed 19\_\_\_\_  
Application for plugging approved 19\_\_\_\_  
Plugging commenced 6/10/77 19\_\_\_\_  
Plugging completed 6/15/77 19\_\_\_\_  
Reason for abandonment of well or producing formation  
depleted. \_\_\_\_\_

If a producing well is abandoned, date of last production 19\_\_\_\_

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 Metz  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4128  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FEET	TS	SIZE	PUT IN	PULLED OUT
				8-5/8	301	none
				5 1/2"	4117	2700'

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 hold. If cement or other  
plugs were used, state the character of same and depth placed; from \_\_\_\_\_ feet to  
\_\_\_\_\_ feet for each plug set.

Sanded to 4100' and mixed and ran 5 sacks cement. Shot pipe at 3015', 2920',  
2705', 2690', pulled 87 joints. Mudded hole to 300' and set 20' rock bridge to  
280', filled hole with 4 yards ready mix from 280' to base of cellar.

PLUGGING COMPLETE.

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

Name of Plugging Contractor KELSO CASING PULLING  
CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE ss.  
R. DARRELL KELSO (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) R. Darrell Kelso  
CHASE, KANSAS

(Address)

Subscribed and sworn to before me this 16th day of June 19 77

My commission expires



Margaret Melcher  
Notary Public.

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CONSERVATION DIVISION  
Wichita, Kansas

DRILLERS' LOG

Well Owner: Magnolia Petroleum Company  
Farm Name: Janie Catlin Well No. 3  
Commenced: 9/3/58  
Completed: 9/17/58  
Total Depth: 4142'  
Casing: 8 5/8" @ 312' cemented  
5 1/2" @ 4128' cemented

NF NW 1M  
Sec. 2-30E-7N  
Kingman County, Kansas  
Elevation:  
Production:

Contractor: Peel Brothers, Inc.

Figures below indicate bottoms of formations:

Sand and shale	195
Shale and shells	1035
Anhydrite	1065
Shells	1080
Shale and shells	1345
Lime, shells and shale	1500
Lime and shale	1870
Lime and shale streaks	2060
Lime and shale	2390
Lime	2505
Lime and shale	2920
Lime	3060
Shale and lime	3180
Sand, shale and lime	3330
Lime	3685
Shale and lime	3710
Lime	3905
Lime and shale streaks	4000
Shaly lime	4090
Shale, lime and chert	4132
Chert	4142
Total Depth	4142

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MAY 17 1977

CONSERVATION DIVISION  
Wichita, Kansas

This is to certify that the above information is to the best of our knowledge, true and correct.

PEEL BROTHERS, INC.

BY *Charles F. Peck*

SUBSCRIBED AND SWORN to before me this 18th day of September, 1958

My commission expires: April 27, 1960

*Charles Peck*  
Notary Public

(8-54) 15-095-00589-0000  
**M/M/NOLIA PETROLEUM COMPANY**  
**WELL RECORD**

X-1316

Total Depth Drilled <u>1112' RTD</u>	Permit No. _____	Lease Name <u>JANIE CATLIN</u>
Oil String Set @ <u>1128' (52")</u>	Serial No. _____	Well No. <u>3</u>
Plug Back Depth <u>None</u>	Completed as <u>Oil Well</u>	Field <u>Trenton South</u>
Vertical or Directional Hole <u>Vertical</u>	<u>Flowline</u> (TYPE OF WELL)	District <u>Chase-52</u>
Parish <u>Kingman</u>	State <u>Kansas</u>	State Reg. District <u>Great Bend, Kansas</u>
Block Section <u>2</u>	Lot Township <u>30S</u>	Unit Range <u>7N</u>
Location of Well: <u>NE 1/4 NW 1/4 330 PBL 990 PBL 02 NW 1/4</u>		Distance From Nearest Town <u>1 mile east &amp; 1 mile north of Rago, Kansas</u>

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked	8-18-58	D W Clarke, MFCo Civil Engr Dept	
* Dig Pits and Level Location	8-26-58	Peel Bros, Inc., Holisinton, Kansas	
Commenced Erecting Derrick	9-2-58	" " " " "	
Completed Erecting Derrick	9-2-58	" " " " "	
Commenced Rigging Up	9-2-58	" " " " "	
Initial Rigging Up Completed	9-2-58	" " " " "	
Commenced Drilling (Spud Date)	9-9-58	" " " " "	7:30 A.M.
Completed Drilling (Total Depth)	9-21-58	" " " " "	
Moved In Cable Tools	None		
Oil String Casing Set	9-15-58	Peel Bros, Inc., Holisinton, Kansas	5 1/2"
Plug Back (Final)	None		
Perforations (Final)	None		
Completed Subsurface Installations (Final)	9-17-58	Peel Bros, Inc., Holisinton, Kansas	Ran 2" tbg
Completed Well Head Installations (Final)	9-19-58	Under the supervision of	8-5/8"x5 1/2" D R
Commenced Bringing in (Final)	9-20-58	J B Ledbetter, MFCo	Hinderliter esghd
Well Cleaned (Final)	9-21-58	Production Foreman	w/2 3" outlets
Commenced Abandonment			2000# Work Press
Completed Abandonment		Co Compl Date: 9-20-58 (Proc)	4000# Test

\* 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 Slush Pit, Build Rig Foundation, or, Install Drilling Foundation.

NO. DAYS WATER USED Furn by Contractor : SOURCE Hauled  
 NO. DAYS FUEL USED Furn by Contractor : KIND Butane : SOURCE Hauled

Measuring Point Will Be Ground Kelly Bushing Kelly Bushing to Surface Csg.  
 Kelly Drive Bushing. 1186 Elevation 1177 To Gr. Elev. 9' Surface Csg. Flg. 11' Flange Elev. 1175'

Transfer No. In: 6855-6856 CASING, TUBING, & \* CEMENTING RECORD Transfer No. Out:

Size	Weight	Collars & Threads Kind Rge Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
			Put In	Pulled	Left In		
8-5/8"	32#	8Vthd DW Line Casing Class 2	1	1	301	301	
5-1/2"	17#	8 RT H-40 SS Class 2	2	43	1302		
5-1/2"	15.5#	8 RT J-55 SS Class 2	2	76	2302		
5-1/2"	15.5#	8 RT J-55 SS Class 2	3	8	212		
5-1/2"	15.5#	8 RT J-55 SS Class 1	3	4	121		
5-1/2"	15.5#	8 RT J-55 SS Class 1	2	5	151	1117	3 - 4054-4090 4124
2"	11.7#	8 RT J-55 SS Class 2	2	137	1117	1117	
3-5/8"	csg @ 312'	w/250 sx Pozmix "B", 2% ce, circ			15.2#; WOC 2h hrs		
5-1/2"	csg @ 1128'	w/200 sx Pozmix "A", slurry 11.2#; WOC 2h hrs.					

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\* Following each string of casing, and using the full width of the sheet, give complete cementing record as follows: Where landed, Amount and kind of cement, Amount and kind of Additives, Stages of Cementing, Cement Tops, Slurry weight per Gal, and WOC Hours.

Give the balance 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 and subsequent sheets on Form X-6727 As needed.

- |  |   |
|--|---|
| Section 1- Production Tests and Potential Test Data<br>Section 2- Formation Summary<br>Section 3- Depth Measurements<br>Section 4- Drill Stem Tests<br>Section 5- Perforating and Squeeze Record<br>Section 6- Surveys Performed | Section 7- Core Record<br>Section 8- Bit Record<br>Section 9- Acidizing or Other Completion Operation<br>Section 10- Summary of Operations<br>Section 11- Formation Record<br>Section 12- Plugging & Abandonment Record |
|--|---|

Original Signed By  
**C. O. TURNER**

**MAGNOLIA PETROLEUM COMPANY  
WELL RECORD**

**SECTION NO. 1 - PRODUCTION TESTS AND POTENTIAL TEST DATA:**

Completed as Single Oil Well - Flowing: State test completed on 10-10-58 in the Mississippi formation; Top 4101' (4104' EL), bottom 4142' (4145' EL); op hole 4128-42' (4130-45' EL); Well flowed on 8hr test. Rate per day 80 BO + 65% water and 1006 MCF gas, GOR 13,325/1. Choke size 18/64", TP 1000% CP 1240%. API gravity 35.8°. Allowable 31 BOPD. Oil to Skelly Oil Company. Test taken after acidizing w/750 gal & sand frac w/7500% sd + 7500 CO + 375% admite.

**SECTION NO. 2 - Formation Summary: Data taken from X-1892**

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>DST</u>	<u>Elev Log</u>	<u>GR-N Log</u>	<u>Remarks</u>
Sand & Shale	0	195				
Shale & Shells	195	1035				
Anhydrite	1035	1065				
Shells	1065	1080				
Shale & Shells	1080	1345				
Lime, Shells & Shale	1345	1500				
Lime & Shale	1500	1870				
Lime & Shale Streaks	1870	2060				
Lime & Shale	2060	2390				
Lime	2390	2505				
Lime & Shale	2505	2920				
Lime	2920	3060				
Shale & Lime	3060	3180				
Sand, Shale & Lime	3180	3330				
Lime	3330	3685				
Shale & Lime	3685	3710				
Lime	3710	3905				
Lime & Shale Streaks	3905	4000				
Shaly Lime	4000	4090				
Shale, Lime & Chert	4090	4132				
Chert	4132-	4142	#1		GR-N	See Sec 4 for DST See Sec 6 for Surveys

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**SECTION NO. 3 - DEPTH MEASUREMENTS:**

	<u>DRILLERS DEPTH</u>	<u>STEEL LINE</u>	<u>#GR-N LOG</u> <u>#ELEC LOG</u>	<u>KELLY BUSHING TO FLANGE</u> <u>11'</u>	<u>SURFACE FLANGE DEPTH (*)</u>
Total Depth Drilled	4142'		#4145		4131'
Casing Seat (Surf)	312'				301'
Casing Seat (Oil)	4120'		#4130		4117'
Plug Back Depth	None				-
Perforations	None				-
Drill Stem Tests	4129-42		#4131-45		4118-4131'

Collars or Radius Markers as shown on None

(\*) Indicates correct measurement from Surface Casing Flange as permanent datum.

**SECTION NO. 4 - DRILL STEM TESTS: Data taken from Morning Report & Sv Co Reports**

<u>No.</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>Kind of Test</u>	<u>Tool @</u>	<u>Top Ck</u>	<u>Dtm Ck</u>	<u>Time</u>	<u>Results</u>
1	9-14-58	4129 (4131-4145 Walex)	4142	Op hole 9 min (not enough to measure), 30' free oil (grav 34.6), IFP 49% in 20 min, IHH 2215% FHH 2113%.	4131	1"	3/4"	1 hr	Gas to surf in rec 20' O & CCH, 90' HOROCH, 70% ISIBHP 1511% FSIBHP 1340%

**SECTION NO. 5 - PERFORATING AND SQUEEZE RECORD:**

PERFORATING RECORD: None

SQUEEZE RECORD: None

SECTION NO. 6 - SURVEYS PERFORMED:

No.	Kind	From	To
1	Walex Gamma Ray	0	4143.5'
1	Walex Neutron	0	4115'

SYNO DEVIATION SURVEY  
DEPTH      OFF VERTICAL

300	0	Degrees
800	1/2	"
1500	1/2	"
2000	1/2	"
2500	3/4	"
3000	3/4	"
3500	3/4	"
4000	3/4	"

NO DIRECTIONAL SURVEY - VERTICAL HOLE  
AVERAGE HOLE DIAMETER 7-7/8"

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SECTION NO. 7 - CORE RECORD:

No Cores Taken On This Well.

SECTION NO. 8 - BIT RECORD: Date taken from X-1892

No. Used	Size	Kind	From	To
1	12-1/4"	Rockbit	0	313
13	7-7/8"	Rockbit	313	4142

SECTION NO. 9 - ACIDIZING OR OTHER COMPLETION OPERATIONS: Data taken from Morning Report

- 9-18-58 Acidize op hole 4128-42' (4130-45 Walex) w/250 gal mud acid thru 2" tbg, Max press 1600# min & final 1200#, rate 1/3 BPM, overflush w/2 BO, 5 min SIP 525# (total load 100 BLO)
- 9-20-58 Sand frac op hole 4128-42' (4130-45 Walex) w/7500# sd & 7500 CO + 375# admite, treat 2600# - 2200# - 2200#, average injection rate 20.7 BPM, 10 min SIP 400# (total 345 BLO).

SECTION NO. 10 - SUMMARY OF OPERATIONS: Data taken from Morning Report

(1) Drilling and Exploratory Operations Performed:

- 9-3-58 Spud @ 7:30 AM; 8-5/8" csg set @ 4128' (4130' Walex) w/250 sx Pozmix "B" circ.
- 9-11-58 Changed to oil emulsion mud @ approx 3800'.
- 9-14-58 DST #1, 4129-42' (4131-45 Walex), rec 20' O&CM, 90' HO&CM, 30' free oil; RTD 4142' (4145' Walex); Ran Walex logs.
- 9-15-58 Set 5 1/2" csg @ 4128' (4130' Walex) w/200 sx Pozmix "A".
- 9-16-58 Wipple up 5 1/2" csg; ran 2" tbg; drid plug 4103-30.
- 9-17-58 Ran 2" tbg & displaced mud w/wtr & wtr w/oil; rig released 1:00 PM.

(2) Completion Operations Performed:

- 9-18-58 Acidize op hole 4128-42 (4130-45 Walex) w/250 gal mud acid (-100 BLO)
- 9-19-58 Swab 18 BLO & RW 1 hr; flow 82 BLO & 6 BSW in 8 hrs (all LO recov); flow no oil and no wtr 10 hrs, 1/4" ch, TP 580#, CP 620#, gas vol 734 MCF/day.
- 9-20-58 Flow no oil or wtr 8 hrs, 1/4" ch; sand frac op hole 4128-42 (4130-45 Walex) w/7500# sd & 7500 CO (-345 BLO) + 375# admite; Co Compl Date.
- 9-21-58 Flow 203 BLO & 70 BSW 18 hrs; flow 24 BLO & 15 BSW 3 hrs, 18/64" ch, TP 950# CP 1240#, gas vol 1250 MCF/day (-118 BLO).
- 9-22-58 Flow 105 BLO & 96 BSW 24 hrs (-13 BLO), 18/64" ch, TP 900# CP 1200#, gas vol 1113 MCF/day.
- 9-23-58 Flow 13 BLO & 15 BSW 3 hrs (all LO recov); flow 71 BNO & 105 BSW 21 hrs, 18/64" ch, TP 900# CP 1180#, gas vol 1250 MCF/day.
- 9-24-58 Flow 53 BO & 98 BSW 24 hrs, 18/64" ch, TP 900# CP 1150#, gas vol 1166 MCF/day, grav 35.8° corr, GOR 21,000/1.
- 9-25-58 thru
- 10-9-58 Shut in.
- 10-10-58 State Test: Flow 26.72 BO & 49 BSW in 8 hrs (80 BOPD + 65% W), 18/64" ch, TP 1000# CP 1240#, gas vol 1086 MCF/day, GOR 13,325/1, grav 35.8 corr, allow 31 BOPD Oil to Skelly Oil Company.

MAGNOLIA PETROLEUM COMPANY  
WELL RECORD

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

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUB-SEA</u>	<u>SOURCE</u>
Lansing	3296		Samples
Mississippi	4101		"
Total Depth	4112		Driller
Lansing	3298		E. Log
Mississippi	4104		"
Total Depth	4115		"

SECTION NO. 12 - PLUGGING AND ABANDONMENT RECORD:

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DRILLERS' LOG

Well Owner: Magnolia Petroleum Company  
Farm Name: Janie Catlin Well No. 3  
Commenced: 9/3/58  
Completed: 9/17/58  
Total Depth: 4142'  
Casing: 8 5/8" @ 312' cemented  
5 1/2" @ 4128' cemented  
  
Contractor: Peel Brothers, Inc.

NE NW NW  
Sec. 2-305-7N  
Kingman County, Kansas

Elevation:

Production:

Figures below indicate bottoms of formations:

Sand and shale	195
Shale and shells	1035
Anhydrite	1065
Shells	1080
Shale and shells	1345
Line, shells and shale	1500
Line and shale	1870
Line and shale streaks	2060
Line and shale	2390
Line	2505
Line and shale	2920
Line	3060
Shale and line	3180
Sand, shale and line	3330
Line	3685
Shale and line	3710
Line	3905
Line and shale streaks	4000
Shaly line	4090
Shale, line and chert	4132
Chert	4142
Total Depth	4142

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CONSERVATION DIVISION  
Wichita, Kansas

This is to certify that the above information is to the best of our knowledge, true and correct.

PEEL BROTHERS, INC.

BY *Clarence Reese*

SUBSCRIBED AND SWORN to before me this 18th day of September, 1958

My commission expires: April 27, 1960

*Rich Pratt*  
Notary Public

Total Depth Drilled 4142' RTD Permit No. \_\_\_\_\_ Lease Name JAMES SMITH  
 Oil String Set @ 4128' (52") Serial No. \_\_\_\_\_ Well No. 3  
 Plug Back Depth None Completed as Oil Well Field Trouton South  
 Vertical or Directional Hole Vertical (TYPE OF WELL) Flowing District Chase-52  
 Parish County Kingman State Kansas State Reg. District Great Bend, Kansas  
 Block Section 2 Lot Township 30S Unit Range 7N Distance From Nearest Town 1 mile east & 1 mile north of Lago, Kansas  
 Location of Well: 1/2 IN NW; 330 FNL 990 FNL of NW/4

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked	8-18-58	D W Clarke, MCO Civil Engr Dept	
Dig Pit and Level Location	8-26-58	Peel Bros, Inc., Holsington, Kansas	
Commenced Erecting Derrick	9-2-58	" " " " " "	
Completed Erecting Derrick	9-2-58	" " " " " "	
Commenced Rigging Up	9-2-58	" " " " " "	
Initial Rigging Up Completed	9-2-58	" " " " " "	
Commenced Drilling (Spud Date)	9-3-58	" " " " " "	7:30 A.M.
Completed Drilling (Total Depth)	9-11-58	" " " " " "	
Moved In Cable Tools	None		
Oil String Casing Set	9-15-58	Peel Bros, Inc., Holsington, Kansas	52"
Plug Back (Final)	None		
Perforations (Final)	None		
Completed Subsurface Installations (Final)	9-17-58	Peel Bros, Inc., Holsington, Kansas	Run 2" tbr
Completed Well Head Installations (Final)	9-19-58	Under the supervision of	2-5/8"x5 1/2" D R
Commenced Bringing in (Final)	9-20-58	J B Ledbetter, MCO	Winderliler csgd
Well Cased (Final)	9-21-58	Production Foreman	w/2 3" outlets
Commenced Abandonment			2000# Work Press
Completed Abandonment		Co Compl Date: 9-20-58 (Proc)	4000# Test

\* 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 Slush Pit, Build Rig Foundation, or, Install Drilling Foundation.

NO. DAYS WATER USED Furn by Contractor : SOURCE Hauled  
 NO. DAYS FUEL USED Furn by Contractor : KIND Butane : SOURCE Hauled

Measuring Point Will Be Ground Kelly Bushing Kelly Bushing to Surface Csg. Surface Csg.  
 Kelly Drive Bushing. 1486 Elevation 1477 To Gr. Elev. 9' Surface Csg. Flg. 11' Flange Elev. 1475'

Transfer No. In: 6855-6856 CASING, TUBING, & \* CEMENTING RECORD Transfer No. Out: \_\_\_\_\_

Size	Weight	Collars & Threads	Kind	Rge	Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
						Put In	Pulled	Left In		
3-5/8"	32#	8VThd	IW Line Casing	1	14	301		301		
5-1/2"	17#	8 RT	H-40 SS	2	43	1301				
5-1/2"	15.5#	8 RT	J-55 SS	2	76	2302				
5-1/2"	15.5#	8 RT	J-55 SS	3	8	242				
5-1/2"	15.5#	8 RT	J-55 SS	3	4	121				
5-1/2"	15.5#	8 RT	J-55 SS	2	5	151		4117		3 - 4054-4090 4124
2"	NUE 4.7"	8 RT	J-55 SS	2	137	4117		4117		
3-5/8"	csg @ 312'	w/250	ex Pozmix "B", 25 cc, circ, slurry 15.2#; WOC 24 hrs							
5-1/2"	csg @ 4128'	w/200	ex Pozmix "A", slurry 14.2#; WOC 24 hrs.							

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\* Following each string of casing, and using the full width of the sheet, give complete cementing record as follows: Where landed, Amount and kind of cement, Amount and kind of Additives, Stages of Cementing, Cement Taps, Slurry weight per Gal. and WOC Hours.

Give the balance 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 and subsequent sheets on Form X-6727 As needed.

- Section 1- Production Tests and Potential Test Data
- Section 2- Formation Summary
- Section 3- Depth Measurements
- Section 4- Drill Stem Tests
- Section 5- Perforating and Squeeze Record
- Section 6- Surveys Performed
- Section 7- Core Record
- Section 8- Bit Record
- Section 9- Acidizing or Other Completion Operation
- Section 10- Summary of Operations
- Section 11- Formation Record
- Section 12- Plugging & Abandonment Record

Original Signed By  
G. O. TURNER



WELL RECORD

SECTION NO. 1 - PRODUCTION TESTS AND POTENTIAL TEST DATA:

Completed as Single Oil Well - Flowing: State test completed on 10-10-58 in the Mississippian formation; Top 4101' (4104' EL), bottom 4142' (4145' EL); op hole 4128-412' (4130-45' EL); Well flowed on 8hr test. Rate per day 80 BO + 65% water and 1086 MCF gas, COR 13,325/1. Choke size 18/64", TP 1000# CP 1240#. API gravity 35.8°. Allowable 31 BO/D. Oil to Stollery Oil Company. Test taken after acidizing w/750 gal & sand frac w/7500# sd + 7500 CO + 375# admite.

SECTION NO. 2 - Formation Summary: Data taken from X-1892

Formation	From	To	DST	Elev Log	CR-N Log	Remarks
Sand & Shale	0	195				
Shale & Shells	195	1035				
Anhydrite	1035	1065				
Shells	1065	1080				
Shale & Shells	1080	1245				
Lime, Shells & Shale	1245	1500				
Lime & Shale	1500	1870				
Lime & Shale Streaks	1870	2060				
Lime & Shale	2060	2390				
Lime	2390	2505				
Lime & Shale	2505	2920				
Lime	2920	3060				
Shale & Lime	3060	3180				
Sand, Shale & Lime	3180	3330				
Lime	3330	3685				
Shale & Lime	3685	3710				
Lime	3710	3905				
Lime & Shale Streaks	3905	4000				
Chaly Lime	4000	4090				
Shale, Lime & Chert	4090	4132				
Chert	4132-4142		#1		CR-N	See Sec 4 for DST See Sec 6 for Surveys

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Wichita, Kansas

SECTION NO. 3 - DEPTH MEASUREMENTS:

	DRILLERS DEPTH	STEEL LINE	#CR-N LOG #SELEC LOG	KELLY BUSHING TO FLANGE	11'	SURFACE FLANGE DEPTH (*)
Total Depth Drilled	4142'		#4145			4131'
Casing Seat (Surf)	312'					301'
Casing Seat (Oil)	4128'		#4130			4117'
Plug Back Depth	None					-
Perforations	None					-
Drill Stem Tests	4129-412		#4131-45			4118-4131'

Collars or Radius Markers as shown on None

(\*) Indicates correct measurement from Surface Casing Flange as permanent datum.

SECTION NO. 4 - DRILL STEM TESTS: Data taken from Morning Report & Sv Co Reports

No	Date	From	To	Kind of Test	Tool G	Top Gt	Dtm Gt	Time	Results
1	9-24-58	4129 (4131-4145 Walex)	4142	Op hole 9 min (not enough to measure), no SFP, 30' free oil (grav 34.6), IFP 49# FFP# 70# in 20 min, INN 2215# FIN 2113#.	4131	1"	3/4"	1 hr	Gas to surf in 90' HOCOM, PSIDHP 1511# PSIDHP 1340#

SECTION NO. 5 - PERFORATING AND SQUEEZE RECORD:

PERFORATING RECORD: None

SQUEEZE RECORD: None

## SECTION NO. 6 - SURVEYS PERFORMED:

No.	Kind	From	To
1	Walex Gamma Ray	0	4113.5'
1	Walex Neutron	0	4115'

SYFO DEVIATION SURVEY  
DEPTH      OFF VERTICAL

NO DIRECTIONAL SURVEY - VERTICAL HOLE

AVERAGE HOLE DIAMETER 7-7/8"

300	0 Degree
800	1/2 "
1500	1/2 "
2000	1/2 "
2500	3/4 "
3000	3/4 "
3500	3/4 "
4000	3/4 "

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## SECTION NO. 7 - CORE RECORD:

No Cores Taken On This Well.

## SECTION NO. 8 - BIT RECORD: Data taken from X-1892

No. Used	Size	Kind	From	To
1	12-1/4"	Rockbit	0	313
13	7-7/8"	Rockbit	313	4142

## SECTION NO. 9 - ACIDIZING OR OTHER COMPLETION OPERATIONS: Data taken from Morning Report

9-18-58 Acidize op hole 4128-42' (4130-45' Walex) w/250 gal mud acid thru 2" tbg, Max press 1600# min & final 1200#, rate 1/3 BPM, overflush w/2 BO, 5 min SIP 525# (total load 100 BLO)

9-20-58 Sand frac op hole 4128-42' (4130-45' Walex) w/7500# ad & 7500 CO + 375# adonite, treat 2600# - 2200# - 2200#, average injection rate 20.7 BPM, 10 min SIP 400# (total 345 BLO).

## SECTION NO. 10 - SUMMARY OF OPERATIONS: Data taken from Morning Report

(1) Drilling and Exploratory Operations Performed:

- 9-3-58 Spud @ 7:30 AM; 8-5/8" csg set @ 4128' (4130' Walex) w/250 sx Pozmix "B" circ.
- 9-11-58 Changed to oil emulsion mud @ approx 3000'.
- 9-11-58 DST #1, 4129-42 (4131-45 Walex), rec 20' O&GCM, 90' H&MCM, 30' free oil; RTD 4142' (4145' Walex); Ran Walex logs.
- 9-15-58 Set 5 1/2" csg @ 4128' (4130' Walex) w/200 sx Pozmix "A".
- 9-16-58 Wipple up 5 1/2" csg; ran 2" tbg; drld plug 4103-30.
- 9-17-58 Ran 2" tbg & displaced mud w/wtr & wtr w/oil; rig released 1:00 PM.

(2) Completion Operations Performed:

- 9-18-58 Acidize op hole 4128-42 (4130-45 Walex) w/250 gal mud acid (-100 BLO)
- 9-19-58 Swab 18 BLO & MW 1 hr; flow 82 BLO & 6 BAW in 8 hrs (all LO recov); flow no oil and no wtr 10 hrs, 1/4" ch, TP 560#, CP 620#, gas vol 734 MCF/day.
- 9-20-58 Flow no oil or wtr 6 hrs, 1/4" ch; sand frac op hole 4128-42 (4130-45 Walex) w/7500# ad & 7500 CO (-345 BLO) + 375# adonite; No Compl Date.
- 9-21-58 Flow 203 BLO & 70 BSW 18 hrs; flow 24 BLO & 15 BSW 3 hrs, 1 5/8" ch, TP 950# CP 1240#, gas vol 1250 MCF/day (-118 BLO).
- 9-22-58 Flow 105 BLO & 96 BSW 24 hrs (-13 BLO), 1 5/8" ch, TP 900# CP 1200#, gas vol 1113 MCF/day.
- 9-23-58 Flow 13 BLO & 15 BSW 3 hrs (all LO recov); flow 71 BLO & 105 BSW 21 hrs, 1 5/8" ch, TP 900# CP 1180#, gas vol 1250 MCF/day.
- 9-24-58 Flow 53 BO & 98 BSW 24 hrs, 1 5/8" ch, TP 900# CP 1150#, gas vol 1166 MCF/day, grav 35.8° corr, GOR 21,000/l.
- 9-25-58 thru
- 10-9-58 Shut in
- 10-10-58 State Test: Flow 26.72 BO & 49 BSW in 8 hrs (80 BOPD + 65% W), 1 5/8" ch, TP 1000# CP 1240#, gas vol 1086 MCF/day, GOR 13,325/l, grav 35.8 corr, allow 31 BOPD oil to Skelly Oil Company.

WELL RECORD

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

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUP-SEA</u>	<u>SOURCE</u>
Lansing	3296		Samples
Mississippi	4101		"
Total Depth	4142		Driller
Lansing	3298		E. Log
Mississippi	4104		"
Total Depth	4145		"

SECTION NO. 12 - PLUGGING AND ABANDONMENT RECORD:

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