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CP 72 B - E

Lease

Moore "D"

Well No.

2

CHRONOLOGICAL DRILLING RECORD

Date of Report	Total Depth	Description of Work Performed	Page 1
2-17-65		Location by Ness County Engineer: 766' FNL and 554' FWL Section 30-19-21W, Ness County, Kansas. Contractor: Peel Brothers, Inc.	
2-18/19-65		Levelling location, building road, digging pits.	
2-20-65		WORT and mud.	
2-21/22-65		MIRT.	
2-23-65	512'	RURT, spudded at 11:15 AM 2-22-65. Drilled 12 $\frac{1}{4}$ " hole to 512'; ran 17 jts. 8-5/8" OD 10-V thd. "C" grade 32# casing at 510' (Dowell), cemented with 225 sx 50-50 Pozmix, 2% calcium chloride, 50 sc common with 2% calcium chloride; cement circulated. Plug down at 1:15 AM. WOC.	
2-24-65	1572	On trip. Anhydrite 1484-1516'.	
2-25-65	2408	Drilling (ls); $\frac{1}{4}$ " at 2353'. Native mud.	
2-26-65	2708	Drilling (ls & sh); $\frac{1}{2}$ " at 2696. Native mud.	
2-27-65	3096	Drilling (ls & sh); losing little mud.	
2-28-65	3425	Drilling (ls & sh); native mud.	
3-1-65	3710	Drilling (ls); $\frac{3}{4}$ " at 3317'. Wt. 9.9, vis. 36.	
3-2-65	3892	Drilling (ls & sh); $\frac{3}{4}$ " at 3855'. Wt. 10.0, vis. 40.	
3-3-65	4068	Drilling (ls); wt. 10.2, vis. 36, WL 14 cc.	
3-4-65	4242	Drilling (ls); $\frac{3}{4}$ " at 4179; wt. 10.0, vis. 42, WL 9.6 cc. Strapped drill pipe, 0.85' long.	
3-5-65	4386	Taking DST #1 (ls); wt. 10.1, vis. 41, WL 9 cc. Top Warsaw 4363 (-2093), Osage 4374 (-2104).	
3-6-65	4393	DST #1 4365-86, Osage, 21', 20-30-45-30, good blow throughout, recover 47' gas in drill pipe, 139' gas and mud cut oil; ISIP 1332#, IFP 38# FFP 74#, FSIP 1320#. DST #2 4386-93, Osage, 7', 15-30-30-30, strong blow throughout, recovered 1213' free oil, 78' muddy oil; ISIP 1297# IFP 81#, FFP 470#, FSIP 1283#. Wt. 10.1, vis. 45, WL 9 cc.	
3-7-65	4400 RTD	Drilled to 4400', RTD. Wt. 10.1, vis. 45, WL 9 cc. Ran Schlumberge Laterolog survey and Proximity log. Running 4 $\frac{1}{2}$ " casing.	
3-8-65		Ran 135 jts. 4 $\frac{1}{2}$ " OD 9.5# J-55 "A" grade casing at 4399', cemented with 100 sx SS common cement, good circulation throughout, shoe jt. 6.03'; used 4 $\frac{1}{2}$ " B&W centralizers at 4159, 4260, 4360 and 4393', and 3 -4 $\frac{1}{2}$ " B&W wipers at 4373, 4383 and 4397. Plug down at 11:01 AM. WOC.	
3-9/10-65		Move in unit today.	
3-11-65		Moved in, rigged up unit. Swabbed and bailed hole dry. Drilled plu	
3-12-65	PBTD 4395'	and float to 4395' PBTD.	
3-13-65	PBTD 4397'	Cleaned out to 4397' PBTD. Ran McCullough correlation collar log 4397-3900'. Perforated 4384-4390, Osage, with 18 shots; hole loaded Swabbed and bailed 14.5 bbls. water with scum oil. 955' fluid. Bai 5.01 gals. oil, 5.01 gals. water in 1 hr. Acidized 4384-90, Osage, with 250 gals. 7 $\frac{1}{2}$ CU acid (BJ), 68 $\frac{1}{2}$ bbls. water, 108 mins., pressure 1100#-900#-100#-vac. through 4 $\frac{1}{2}$ " casing, AIR 0.1 BPM, total load to recover 74 $\frac{1}{2}$ bbls. Fluid level 1200' down in 12 hrs.	
3-14-65		3197' fluid in hole. Swabbed 77.21 bbls. oil, 51.43 bbls. water, 23 bbls. load water to recover.	
3-15-65		Swabbed 6.13 bbls. oil, .25 bbl. water, 1 hr. Swabbed 7.52 bbls. oi .31 bbl. water, 1 hr. Bailed 20 gals. oil, 95 gals. water off botto 3795' fluid in hole in 12 hrs. Checked 175' water in bottom; 21 bbl load water to recover. Ran 143 jts. 2" EUE 8 rd. thd. J-55 tubing	

CHRONOLOGICAL DRILLING RECORD

Date of Report	Total Depth	Description of Work Performed	Page 2
3-15-65 Contd.		with 3' perforated nipple with bull plug and 1' seating nipple at 4380' and 6' pup on top; 2"x1 1/2"x12' O'Bannon pump, 174 - 3/4" x 25' XC-2 Bethlehem rods, new; 1 ea. 2' and 6', 3/4" pony. Pumped 80.66 bbls. oil, 1.65 bbls. water, 13 hrs. 19.4 bbls. load water to recover	
3-16-65		Pumped 37.35 bbls. oil, 0.45 bbl. water, 6 hrs. On State Test 3-18-65	
3-17-65		Holding tank room for State Test 3-18-65.	
3-18-65		Pretest: Pumped 83.22 bbls. oil, 0 water, 13 hrs., 28" x 19 SPM.	
3-19-65		State Physical Test: 153 bbls. oil, trace water, 24 hrs. (51.04 bbl oil, trace water, 8 hrs.) Schaben Pool. Allowable 44 bbls./day. Complete.	
CC: Wichita Geol. Dept.			

MISCELLANEOUS CHRONOLOGICAL REPORT
MOORE "D" #2
NESS COUNTY, KANSAS

05-25-89

Dumped 300 gal 28% FE. BW 12 BO & 48 BWPD.
AW 23 BO & 105 BWPD. TC \$475.00.

cc: Chrono Book
Well File
C. W. Horsman

LEA WELL NO.: MOORE D 2

Location: 766' FWL - 554' FWL Sec 30-19s-21, County: Ness

Elevation -- G.L.: 2261 R.K.B.: 2270

Date Completed: MARCH 6, 1965

Initial Potential: 15360 + 06w - 24

Producing Formation: Mississippi Top: 4366 (-2096)

Current Production: 1060 + 33 bw - 24

Accumulated Production: 255, 512 60 + 290, 689 6w

Casing: 8 5/8" @ 510' w/ 275 w 4 1/2" @ 4399' w/ 100 w

8 5/8"
510'
275 w

Total Depth: 4400 PBTD: 4397 DV Tool:

WORKOVER RECORD: COMPLETION: Drill and clean wt to 4397'

Perf 4384-90. AE w/ 250 gal IP: 15360 + 06w - 24

5-21-74 Dump AE w/ 250 gal MOD-202 + 45 lbs

Bwo: 34 + 48 Awo: 62 + 63

4384-90

PBTD
4397'

4 1/2" @
4399'
100 w

TD 4400'

5-23-83

WELL HISTORY SHEET

Well Name & No.: Moore D #2 (cont.)

Location: _____ Section T R

County: _____ State: _____

Elevation - RKB: _____ GL: _____ Date Completed: _____

Initial Production & Zone: _____ Top: _____

Current Producing Formations: _____ Top: _____

Current Production: 16.3 BOPD 125 BWPD MCFPD

Well Cumulative Production: 293725 BO 457875 BW MCF

Lease Production: 60 BOPD 451 BWPD MCFPD

Casing Record: _____

Total Depth: _____ PHID: _____ DV: _____

Top of Cement - Long String: _____ TOC-DV: _____

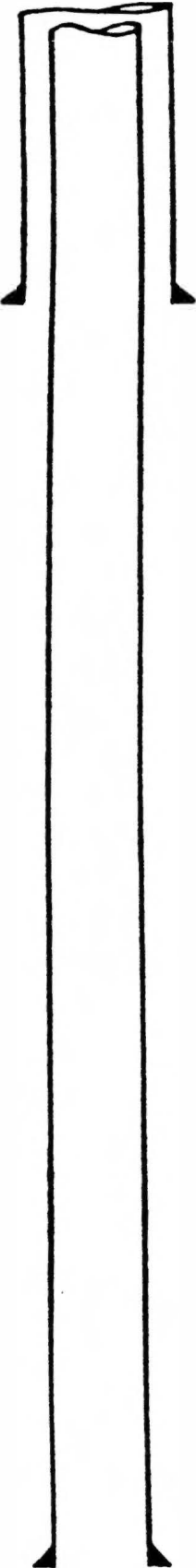
Logs Run: Schlumberger Laterolog

WELL HISTORY: 2 DST's in Miss.

prod. adv. Miss 4366-74, 90-95 + records

Future Remedial: red and blue

Prepared By: M. L. Larned Date: 1/10/91



CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

used in Wichita & sent
back to Gt. Bend. 077

Lease 12-8A Well No. 2 County Mass State Kan
 Contractor 12-8A Date 2-21-65
 Depth at 8 AM 4 PM Midnight
 Driller's 12-8A 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			TOUR	TIME					
DEPTH		REASON	2						
			2						
			3						
			3						
			3						

Size Hole Pump Pressure Midnight Drill Pipe Wt. Midnight
 Bit No. Size From To

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks:

8A-4P Remarks: 12-8A well set for 12-8A
12-8A well set for 12-8A
12-8A well set for 12-8A

4P-12 Remarks:

3/15

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease 2000 7 Well No. 2 County Deer State W. Va.
 Contractor W. H. ... Date 1-23-65
 Depth at 8 AM 4 PM Midnight 900
 Driller's 12-8A 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
485	512	Cement (Hercul)			
512	900	Shale & Shale			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
512	74	...	1						
			1						
			1						
DRILL PIPE TRIPS			2						
DEPTH	REASON		2						
512			2						
			3						
			3						
			3						

Size Hole 7 7/8 Pump Pressure Midnight 900 Drill Pipe Wt. Midnight 46000
 Bit No. 1 Size 7 7/8 From 512 To 900

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: ...

8A-4P Remarks: ...

4P-12 Remarks: ...

CITIES SERVICE OIL COMP'NY DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS
 Contractor Paul Ross, Inc Date 2-25-65
 Depth at 8 AM 2400 4 PM 2580 Midnight 2675
 Driller's 12-8A Hughes 8A-4P [Signature] 4P-12 Cain

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
2270	2400	Shale & Shale	2580	2675	lime & shale
2400	2580	Shale & Limestone			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			2						
DEPTH	REASON		2						
2353	BIT		2						
			3						
			3						
			3						

Size Hole 7 7/8 Pump Pressure Midnight 10.50 Drill Pipe Wt. Midnight
 Bit No. 2-2 Size 7 7/8 From 1522 - 2353 To 2353 -

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			P. COLLAR	SHOE				

12-8A Remarks: chk. P. Trip for BIT @ 2353 BIT #2 cut 781' IN 5 HRS.

8A-4P Remarks: Service Rig. got both pits 2470. got #1 pit 2541.

4P-12 Remarks: loosing mud 2615-2675

CITIES SERVICE OIL COMP'NY
DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS
 Contractor Peel Bros. Inc. Date 2-26-65
 Depth at 8 AM 2780 4 PM 2935 Midnight
 Driller's 12-8A Hughes 8A-4P 4P-12 Cain

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
2675	2780	Shale & Lime	2934	2980	Lime & Shale
2780	2934	Lime & Shale			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KI RD
2696	1/2	ESTIMATED	1						
			1						
			1						
DRILL PIPE TRIPS			2						
DEPTH	REASON		2						
2696	BIT #2		2						
2980	B1 + 2		3						
			3						
			3						

Size Hole 7 7/8 Pump Pressure Midnight Drill Pipe Wt. Midnight
 Bit No. 3-4 Size 7 7/8 From 2353-2646 To 2696-

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: CHK. Rig TOP 4. BIT 21' 4". PIT# 267 343' in 1940's.

8A-4P Remarks: Service Rig. 2780' to 2935' 1st Halls.

4P-12 Remarks: Pulled out of hole on double work on surface

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS

Contractor Peel Bros Inc. Date 2-27-65
 Depth at 8 AM 3095 4 PM 3270 Midnight 3317
 Driller's 12-8A Hughes 8A-4P G. Harmon 4P-12 Cain

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
2980	3095	Lime & shale	3270	3317	lime & shale
3095	3270	Shale & lime			

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
1					4 SX.	Hulls
1						
1						
2						
2						
2						
3						
3						
3						

DRILL PIPE TRIPS

DEPTH	REASON

Size Hole 7 7/8 Pump Pressure Midnight Drill Pipe Wt. Midnight
 Bit No. 5 Size 7 7/8 From 2980 To 3317

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Work on swivel. Go in hole w/ PIT #3 O.R. @ 12 50 P.M. Jet #1 shale
PIT @ 3069' Jet #2 shale PIT @ 3086'

8A-4P Remarks: Service Trip, losing some mud @ 3095 mix 6.C.M.
Tight it up @ 3255.

4P-12 Remarks: Pull out of hole on single Paton New Drill line

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS
 Contractor Peel Bros. Inc. Date 2-29-65
 Depth at 8 AM 2425 4 PM 3555 Midnight 3620
 Driller's 12-8A Hughes 8A-4P [Signature] 4P-12 CAIN

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
231'	2425	Lime & Shale	3555	3620	Lime & Shale
3425	3555	Shale & Sand			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1					30 SX.	STARCH
			1					15	SALT GEL
			1					5	MAGNES GEL
DRILL PIPE TRIPS			2	4 HULLS	4 STARCH			10 SX	HULLS
DEPTH	REASON		2	4 E.S.P.	8 SALT GEL			100 #	PRESERVATIVE
3620	BIT		2	1 D.P.				4 SX.	D-D
			3		10	36		45XS	STARCH
			3						

Size Hole 7 7/8 Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____

Bit No. 6 Size 7 7/8 From 3:217 To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: 30 in Hole w/ PIT #4 OB @ 12:30 A.M. Jet #1 Shale PIT To mud up @ 3:50 P.M. Mud up.

8A-4P Remarks: Sample Rig.

4P-12 Remarks: Pulled out of hole on double @ 3620

CITIES SERVICE OIL COMP NY
DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS
 Contractor Peel Bros, Inc. Date 3-1-65
 Depth at 8 AM 3705 4 PM 3795 Midnight 3850
 Driller's 12-8A Hughes 8A-4P G. Harmer 4P-12 C. W.

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
3620	3705	Lime & shale	3795	3850	11 mc
3705	3795	Shale-Lime & white			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1					45x	MY-LS-J=1
			1						
			1						
DRILL PIPE TRIPS			2	9:25	10	36		18 1/2 lbs.	16 Halls.
DEPTH	REASON		2	9:25	9.8	36	14	16 lbs.	8 starch.
			2	1:00	10	39		1- D.D.	100# U.P.C.
			3		10	39		2 SKS	Nu/15
			3		10	40		USKS	5 starch
			3					2 SKS	Fiber

Size Hole 7 7/8 Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____
 Bit No. 7 Size 7 7/8 From 3620 To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Re-spool drilling logs. Lay down #5 L.C. Go in Hole w/ BIT #7 D.B. @ 1:50 AM.

8A-4P Remarks: Service Rig. losing mud @ 3705 mix mud 100#.

4P-12 Remarks: Service Rig. mix mud

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease *M. 222* Well No. *D-2* County *Ness* State *KPMSA*

Contractor *Paul H. Co. Inc.* Date *8-2-55*

Depth at *8 AM 3890* *4 PM 3960* Midnight *3990*

Driller's *12-8A Hughes* *8A-4P [Signature]* *4P-12 [Signature]*

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
<i>3850</i>	<i>3940</i>	<i>lime + shale</i>	<i>3960</i>		
<i>3900</i>	<i>3950</i>	<i>lime</i>			

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT
<i>3850</i>	<i>3/4</i>	<i>Eastman</i>

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
<i>1</i>					<i>4</i>	<i>7-10-1</i>
<i>2</i>	<i>10:35</i>	<i>10</i>	<i>28</i>	<i>14</i>	<i>3</i>	<i>Starch</i>
<i>2</i>				<i>✓</i>	<i>2</i>	<i>Hulls</i>
<i>2</i>					<i>1</i>	<i>D.P.</i>
<i>3</i>		<i>10</i>	<i>40</i>		<i>3</i>	<i>Starch</i>
<i>3</i>					<i>2</i>	<i>Hulls</i>

DRILL PIPE TRIPS

DEPTH	REASON
<i>3850</i>	<i>Bit = ?</i>
<i>3</i>	<i>Bit</i>

Size Hole *7 7/8* Pump Pressure Midnight Drill Pipe Wt. Midnight

Bit No. *7-8* Size *7 7/8* From *3620 - 3855* To *3855*

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: *TRIP FOR BIT @ 3855' BIT # 7 CUT 3855' IN 4:00 AM W/ BIT # 4 @ 3:12 A.M.*

8A-4P Remarks: *Service Rig.*

4P-12 Remarks: *Pulled out on Double @ 4179*

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS

Contractor Peel Bros. Inc. Date 3-3-67
 Depth at 8 AM 4066 4 PM 4140 Midnight 4180
 Driller's 12-8A Hughes 8A-4P K. K. Karmine 4P-12 Cain

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
3995	4066	lime	4140	4180	lime
4066	4140	lime			

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT
4179	3/4	EASTMAN

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
1	2:30	10.2	38	14	3	MY-LO-Jel
1	4:30	10.1	39	14	2	Hulls
1	6:30	10.2	36	14	3 & 6	MAG & SALT GEL
2	8:00	9.9	38		3	STARCH
2	11:30	10	40	7.6	2	MAG & SALT GEL
2	2:00	10	42		1	STARCH
3					6	SALT GEL
3					3	SALT GEL
3					3	SALT GEL

DRILL PIPE TRIPS

DEPTH	REASON
4179	BIT

Size Hole 7 7/8 Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____
 Bit No. 9-10 Size 7 7/8 From 3994 - 4179 To 4179

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: O.R. 10/11/67 #9 @ 11:15 P.M. 2000

8A-4P Remarks: Service Rig

4P-12 Remarks: Pulled bit on double @ 4179 STOP PIPE OUT
4191.79 BOARD
4190.24 STOP
.85 diff. No CORRECTION.

CITIES SERVICE OIL COMPANY
DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS

Contractor Peel Bros Inc. Date 3-4-15
 Depth at 8 AM 4245 4 PM 4315 Midnight 4355
 Driller's 12-8A Hughes 8A-4P [Signature] 4P-12 Crin

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
4180	4245	Lime	4315	4355	Lime & Cong.
4245	4315	Limestone			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1	1:00	10	40	9.6	3 SX	M.V.L.O.-Sci
			1	4:00	10	42	9.6		
			1	6:30	10	41	9.6		
DRILL PIPE TRIPS			2	8:45	1.9	40		3 Starch.	2 Salt Sol.
DEPTH	REASON		2	12:30	9.8	41		4 magoo gel.	1- D.D.
4325	BIT		2					2 Hulls.	2 Fiber.
			3	3:00	9.8	43	9	9 salt sol.	3 starch
			3	8:00	9.8	43	9	3 magoo gel.	2 Fiber
			3	10:30	9.8	44	9	3H 2118	

Size Hole 7 7/8 Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____

Bit No. #10 #11 Size 7 7/8 From 4179 - 4325 To 4325

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Service Rig

8A-4P Remarks: Service Rig. Circ. For Samples 1/4 hr @ 4295'

4P-12 Remarks: 1/2 hrs. no. time at 4245'
Pulled BIT #10 on double @ 4325 @ BIT #10
7:00

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease Moor Well No. D-2 County Wess State KANSAS

Contractor W. J. Huff, Inc. Date 7-6-65

Depth at 8 AM 4393 4 PM 4400 Midnight 4400

Driller's 12-8A Haggard 8A-4P W. J. Huff 4P-12 COIN

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
4393	4393	Miss.			
4393	4400	lime			

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
1						
1						
1						
2						
2	11:00	10	28	7		45 starch, 6 salt sol.
2	12:20	10	28			3 soap
3						
3						
3						

DRILL PIPE TRIPS

DEPTH	REASON
4393	DST #2
4400	LOG

Size Hole 7 3/8 Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____

Bit No. 12 Size 7 7/8 From 4376 To 4400

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Pull DST #2 To 4400. 1 hr. 15 min. log.

8 HRS. CO. TIME W/ D.P.

8A-4P Remarks: 5.15h. 1297# IEF 110# FF 470# FSEM 1293# 512 lbs. to DP. Log down to 4400. Run bit hole w/ bit. 11:00 - 11:15. 1 hr. before 12:00. Give. For samples & log 1 hr. 15 min. 4400. Pull out for log.

Time for the work. 1 hr. less D.P.

4P-12 Remarks: 7:00-9:30 logging 9:30-11:00 wait on orders

8 hrs CO. time without D.P.
~~for CO. time before~~

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease Moore Well No. D-2 County Ness State KANSAS

Contractor Paul B. D. Inc. Date 3-7-65
Depth at 8 AM 4400 4 PM 4400 Midnight
Driller's 12-8A Huales 8A-4P [Signature] 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION
<u>4400</u>		<u>M.S.S.</u>			

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			2						
DEPTH	REASON		2						
			2						
			3						
			3						
			3						

Size Hole _____ Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____
Bit No. _____ Size _____ From _____ To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Ran Bit in Hole To condition Hole O.R. @ 1:40 AM. Rmnd 9' to Bottom Cond. Hole 1/2 HRS. STRAP Pipe out of Hole. Lay down D.P. Set BRAYDELL HEAD. Run up to top of hole string.

STRAP 4750.58
BOARD 42100.00

3/4 HRS LO. TIME W/ D.P.

8A-4P Remarks: Run 100' of 1.5" # CASING SET @ 4:30 AM @ 100 SKI. S. Set Cement Job complete @ 11:20 AM. Set 4 1/2" Facing Slips Testing Down.

4P-12 Remarks:

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease MOORE "D" Well No. 2 County NESS State KANSAS
 Contractor YOST Drilling Co Date 3-11-1965
 Depth at 8 AM 4 PM Midnight
 Driller's 12-8A Charles Klingens 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
1						
1						
1						
2						
2						
2						
3						
3						
3						

DRILL PIPE TRIPS

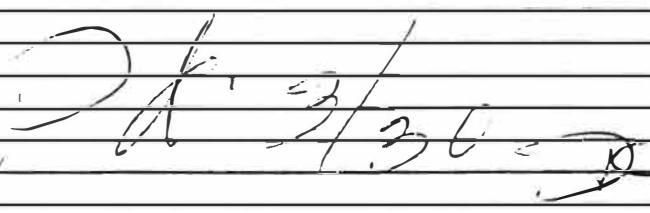
DEPTH	REASON

Size Hole Pump Pressure Midnight Drill Pipe Wt. Midnight
 Bit No. Size From To

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Stranded 100' x 4" hole string in 110' x 120' hole
Drilling hole down to bottom Round Point and
bottom hole string was
put on bit
at 4392
Drilling at 4393

8A-4P Remarks:


4P-12 Remarks:
used 2- oil States 4 1/2 inch
12 hr test time

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease MOORE "D" Well No. 2 County NEES State KANSAS
 Contractor Yost Drilling Co Date 7-12-1965
 Depth at 8 AM 4 PM Midnight
 Driller's 12-8A 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			TOUR	TIME					
DEPTH	REASON		2						
			2						
			2						
			3						
			3						
			3						

Size Hole _____ Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____
 Bit No. _____ Size _____ From _____ To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Log well with 15 BALES all water in hole, capak
up to 4394 to 4390
run pipe down to 4390 with 15 Bales and 5% water
at 4390 pipe stuck with 150 gal water

F.D. 4395
 8A-4P Remarks:

4P-12 Remarks:
Used 100 ft pipe 1 1/2 inches diameter
12 hrs per time

CITIES SERVICE OIL COMPANY
DAILY DRILLING REPORT

Lease *MOORE "D"* Well No. *2* County *NESS* State *KANSAS*
Contractor *Yost Drilling Co* Date *3-13-1965*
Depth at *8 AM* *4 PM* Midnight
Driller's *12-8A Charles Klingler* *8A-4P* *4P-12*

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			TOUR	TIME					
DEPTH	REASON		2						
			2						
			2						
			3						
			3						
			3						

Size Hole Pump Pressure Midnight Drill Pipe Wt. Midnight
Bit No. Size From To

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: *Drill 1250' from top revealing bit down to bottom 77 BBL'S mud pump 12 BBL'S in 30 min 1590 water*
Setting well down to 2500' from bottom mud 2000 BBL'S P. on 12" casing use all down 12 hrs 8590 water in 12 BBL'S

8A-4P Remarks:

4P-12 Remarks:

*12-8A 1-1/2" mud pump 12 BBL'S
used 1-1/2" 3/4" g.S. pipes
12 hrs 8590 water*

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease MOORE "D" Well No. 2 County NEES State KANSAS
 Contractor Yost Drilling Co Date 3-14-1965
 Depth at 8 AM 4 PM Midnight
 Driller's 12-8A Charles Klingler 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

DEPTH	DEGREES	INSTRUMENT

MUD RECORD

TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
		WEIGHT	VIS.-SEC.	WLCC	AMOUNT	KIND
1						
1						
1						
2						
2						
2						
3						
3						
3						

DRILL PIPE TRIPS

DEPTH	REASON

Size Hole _____ Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____
 Bit No. _____ Size _____ From _____ To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: *Gas found 1650' from top. Run casing 175' located in hole 2 hole clean and better than in casing. Run 2" tubing set tubing 12' at bottom. Run 3/4" rods set in casing. Pump well up.*

8A-4P Remarks: _____

4P-12 Remarks: _____

12 hrs. 12' tubing

CITIES SERVICE OIL COMPANY DAILY DRILLING REPORT

Lease MOORE "D" Well No. 2 County NESS State KANSAS
 Contractor YEST Drilling CO Date 2-15-1965
 Depth at 8 AM 4 PM Midnight
 Driller's 12-8A Charles Klengler 8A-4P 4P-12

FORMATION RECORD

FROM	TO	FORMATION	FROM	TO	FORMATION

SLOPE TESTS

MUD RECORD

DEPTH	DEGREES	INSTRUMENT	TOUR	TIME	CHARACTERISTICS			CONDITIONERS	
					WEIGHT	VIS.-SEC.	WLcc	AMOUNT	KIND
			1						
			1						
			1						
DRILL PIPE TRIPS			TOUR	TIME					
DEPTH		REASON	2						
			2						
			2						
			3						
			3						
			3						

Size Hole _____ Pump Pressure Midnight _____ Drill Pipe Wt. Midnight _____

Bit No. _____ Size _____ From _____ To _____

CASING RECORD

SIZE	WEIGHT	MAKE	MAKE		TALLY	CEMENTED AT	SACKS	KIND CEMENT
			F. COLLAR	SHOE				

12-8A Remarks: Loss Power Rig & moved out

8A-4P Remarks:

4P-12 Remarks:

- 8-7-84 Dump 250 gal 15% Mod 20Z flush w/ 40 bbl SW
- 9-10-85 - Pump change 2x1 1/2 x 14' pump - had hole in pull tube
- 10-29-85 - Dump 300 gal 28% FE + 5% checkersol - 40 bbl flush
- 11-11-85 - Rods unscrewed 166 deep pulled rods & changed out 2x1 1/2 x 14' pump
- 12-2-87 - Dump 300 gal. 28% FE + 2% checkersol - 40 bbl flush
- 2-5-88 - LLL @ riser
- 2-24-88 - Quit pumping - pulled rods & pump found hole in pull tube
- 5-24-89 - Dump 300 gal 28% FE + 5% checkersol - 40 bbl flush
- 4-9-90 - Dump 400 gal. 28% FE down annulus flush w/ 40 bbl SW
- 10-1-90 - Dump 400 gal 28% FE flush w/ 40 bbl SW
- 5-29-91 - pull rods & log - Perf. - Miss. 4356-96 w/ 4 SPF swab test
2 hrs - 6 bbl TF/hr 20% oil

MOORE "D-P" # 2