

LM #16

78

WEEKLY DRILLING REPORT

Shell Oil Company (COMPANY)		LEASE Plains Knight	WELL 2
FROM 8-31	TO 19-64	DISTRICT Langlie Mattix	ELEV.
		COUNTY Lea	STATE New Mexico

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
9-18 thru 9-20 (cont'd)			Cemented with 150 sx Incor neat cement. Bumped plug with 1200 psi @ 6:40 P.M. 9-18-64. Prep to drill out cement.	
9-21			Ran bit, 4" drill collars, and tubing. Hit cement @ 3218'. Drilled 5' and dropped through to 3278'. Drilled cement to 3440'.	
9-22			Pulled tubing and bit. Attempted to run Schlumberger cement bond log. Could not get below 3220'. Shut down.	
9-23			Prep to run straddle packers.	
9-24			Shut down due to heavy rains. Prep to run straddle packers.	
9-25			Shut down due to heavy rain.	
9-26			Ran Lynes straddle packers. Straddled cement parts @ 3219'. Tested 1000th. O.K. Ran straddle packers to bottom of liner. Attempted to set packers, ruptured element. Pulled tubing, ran repaired packers back in hole and set 6' higher. Attempted to set packers and ruptured element. Pulled tubing and packers.	
9-27			Ran 109 joints 2" EUE 8R tubing and hung @ 3366'. Ran 20-150-RWBC-12-4 Precision pump on 133-5/8" rods.	

CORRECT _____
EXPLOITATION ENGINEER

APPROVED _____
SUPERINTENDENT

WEEKLY DRILLING REPORT

<u>Shell Oil Company</u> <small>(COMPANY)</small>		LEASE <u>Plains Knight</u>	WELL <u>2</u>
FROM <u>8-31</u> TO <u>19 64</u>		DISTRICT <u>Langlie Mattix</u>	ELEV. _____
		COUNTY } <u>Lea</u>	STATE <u>New Mexico</u>
WELL DATA			

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
8-31			Pulled rods, pump and tubing. Prepared to move in cable tool rig.	
9-1			Rigged up cable tools. Swedged 7" casing from 2400' to 2418'. Found top fill 3395'. Cleaning out at 3398' with 300' fill in hole.	
9-2			Cleaning out @ 3407'.	
9-3			Cleaning out @ 3409'. Hole caving.	
9-4			Cleaning out @ 3414'.	
9-5			Cleaning out @ 3420'.	
9-6			Cleaning out at 3427'.	
9-7			Cleaning out at 3432'. Fishing for tools, casing leak @ 2400' established by salt water on drilling line.	
9-8			Fished rope socket, jars and stem. Left bit in hole. Fishing for bit.	
9-9			Cleaning out @ 3445'.	
(D) 9-10			Cleaning out @ 3447'.	
9-11			Hole caved to 3445'. Cleaning out @ 3445'.	
9-12			Cleaned out to 3450'. Prep to log.	
9-13			Ran GR log (Lane Wells). Now bailing hole clean.	
9-14			Bailed hole clean. RDCT now.	
9-15			Moved out cable tools.	
9-17			Prep to run 4 1/2" casing.	
9-18 thru 9-20			Checked TD with sand pump. O.K. Ran 107 joints 4 1/2" 9.5# J-55 S.H. casing (3445'). Hung at 3441' with bottom 157' slotted. Halliburton formation packer collar @ 3219', 1 cement basket above and below Halliburton collar, 10 centralizers 2100-3200'. Changed out well head. Circulated hole with fresh water.	

(Continued)

CORRECT _____
EXPLOITATION ENGINEER

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SUPERINTENDENT

Shell Oil Company
(COMPANY)

LEASE *Plains Knight* Well No. *2*
SURVEY *NMPM* Sec. *23* T. *24S* R. *37E*

WELL COMPLETION REPORT

STATE *New Mexico* County } *Lea*
Parish }

Date of Report *January 27, 1964*

DISTRICT *Lamy - Mattit*

LOCATION *660' TSL & 1980' FWL, Section 23 (SE 1/4 SW 1/4)*

Elevation Derrick Floor *3205'* Csg. Hd. Flg. _____

Kelly Bushing _____ Measurement Datum _____

Type of Rig _____ Begun _____

Compl. _____ Contractor _____

Rotary Tools from _____ to _____ Begun _____

Compl. _____ Contractor _____

Cable Tools from *0* to *3500'* Begun *6-21-47*

Compl. *8-12-47* Contractor *Plains Prod. Co.*

Official Completion Date *September 15, 1947*

Total Depth *3500'* P. B. T.D. _____

STRATA OPEN TO PRODUCTION

TOP	BOTTOM	NAME	HOW PRODUCED
<i>3240'</i>	<i>3500'</i>	<i>Queen</i> <i>(open hole)</i>	<i>Pumps</i>

PERFORATION RECORD

FROM	TO	NUMBER SHOTS	SIZE	DATE

ACID TREATMENT RECORD

DATE	AMOUNT OF ACID	KIND	FROM	TO

SHOT RECORD

DATE	FROM	TO	AMOUNT SHOT	KIND
<i>8-15-47</i>	<i>3360'</i>	<i>3450'</i>	<i>340 lbs</i>	<i>Nitro - Glycerin</i>

CASING AND TUBING RECORD

SIDE (O.D.)	WEIGHT	TYPE	Threads	GRADE	NEW OR S.H.	MAKE	BOTTOM	CEMENT		TUBING PACKER		Apparent WL Csg. Hanging Free Before Cmts.
								SACKS	TYPE	TYPE	DEPTH	
<i>12 1/2"</i>							<i>80'</i>					
<i>8 5/8"</i>	<i>32#</i>	<i>SS</i>	<i>8nd</i>			<i>J.F.L.</i>	<i>1200'</i>	<i>100</i>				
<i>7"</i>	<i>24#</i>	<i>SS</i>	<i>8nd</i>			<i>J.F.L.</i>	<i>3240'</i>	<i>150</i>				
<i>2"</i>							<i>3359'</i>					

SCREEN AND LINER RECORD

SIZE (O.D.)	WEIGHT	TYPE	Threads	GRADE	NEW OR S.H.	MAKE	TOP OF LINER	BOTTOM OF LINER	SCREEN GAUGE	SCREENED INTERVAL	TYPE AND MAKE OF PACKER
<i>Put on pump</i>						<i>January 1961</i>	<i>2" X</i>	<i>1 1/2" X</i>	<i>18"</i>	<i>Apelson Inert Pump</i>	

OFFICIAL POTENTIAL TEST RECORD

DATE	OIL BARRELS	WATER BARRELS	GAS M. CU. FT.	G.O.R.	HOURS	SIZE CHOKE	METHOD	PRESSURES	
								CASING	TUBING
<i>8-16-47</i>	<i>50</i>	<i>-</i>	<i>500.0</i>	<i>10000</i>	<i>24</i>	<i>-</i>	<i>TF</i>		

GRAVITY

STATIC B.H.P.

DATUM

DATE

CORRECT

EXPLOITATION ENGINEER

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