

SHELL OIL COMPANY

Wright
WELL NO. 41-26

Wildcat
(FIELD)
Sandoval County, New Mexico
(COUNTY)

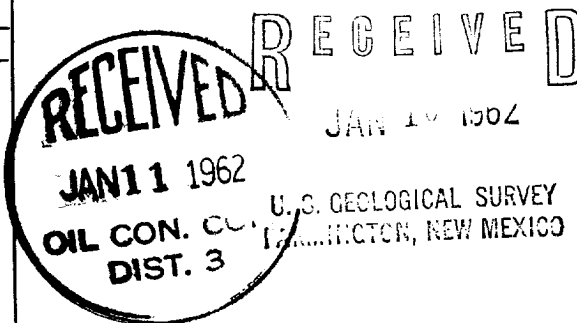
DRILLING REPORT
FOR PERIOD ENDING

11/15/61

Sec. 26
(SECTION OR LEASE)
T. 17 N., R. 3 W., N.M.P.M.
(TOWNSHIP OR RANCHO)

DAY 1961	DEPTHS		REMARKS
	FROM	TO	
			Location: 560' S FNL and 600' W FEL, Section 26, T. 17 N., R. 3 W., Sandoval County, New Mexico, N.M.P.M. KB: 6339.9' DF: 6338.3' GL: 6327.2'
11/7	0	48	Spudded 1:00 P.M., 11/7/61. Drilled 12-1/4" hole to 43'. Opened hole to 26" and drilled 5 more feet to 48'. Cemented 16" conductor pipe at 43' with 100 sacks regular cement. Waited on cement.
11/8	48	574	Nippled up conductor pipe. Drilled 13-1/4" surface hole. Dev.: 1/4" @ 102' 1/2" @ 250' 1/2" @ 470' 3/4" @ 549' 1/4" @ 823'
11/9	574	823	Drilled to 823'. Ran 4 joints of 10-3/4" casing and hit bridge at 120'. Pulled casing and conditioned hole.
11/10	823		Ran 27 joints at 10-3/4" - 40.5# - J-55 casing with Baker plain shoe at 821', Baker baffle at 790', centralizers at 795' and 815'. Cemented with 500 sacks regular cement; last 100 sacks treated with 2% CaCl ₂ . Bumped top rubber plug with 600 psi. Finished 7:14 A.M. 11/10/61. Waited on cement and nipped up.
11/11	823		Nippled up and installed BOPE.
11/12	823	1635	Drilling 9" hole. Mud: 8.9/34/9/1/11 Dev.: 1" @ 1335' 1" @ 1878' 2-3/4" @ 2610' 2" @ 2764'
11/13	1635	2610	Drilling 9" hole. Mud: 9.2/35/7/1
11/14	2610	3047	Drilling 9" hole. Mud: 9.4/40/8/1
11/15	3047	3334	Drilling 9" hole. Mud: 9.6/45/8/2 Dev.: 1-3/4" @ 3128' 9.8/55/15/1 1" @ 3334'

CONDITION AT END OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
26"	0	48	16"	43'
13-3/4"	48	823	10-3/4"	821'
9"	823	3334		
DRILL PIPE SIZES 4"				



Jack L. Thurber

SIGNED

SHELL OIL COMPANY

Writ. 6
WELL NO. 41-26

DRILLING REPORT
FOR PERIOD ENDING

Sec. 26
(SECTION OR LEASE)

Wildcat

11/28/61

Sandoval County, New Mexico
(COUNTY)

T. 17 N., R. 3 W., N.M.P.M.
(TOWNSHIP OR RANCHO)

DAY 1961	DEPTHS		REMARKS	
	FROM	TO		
11/16	3334	3511	Strapped out at 3501', corrected depth to 3511'.	
11/17	3511		DST #1, 3400-3511', Initial open 4 minutes, initial shut in 1 hour, open period - 2 hours, final shut in 2 hours, fair blow air. Recovered 300' (3.1 barrels) drilling mud, 2447' (26.3 barrels) mud cut water, ISIBHP 1440 psi; FSIBHP 1440 psi; IFBHP/FFBHP 235/1220 psi; HP 1730/1705.	
		3702	Ran 3 BT Pressure Bombs for Hydrology test pressure checks. Drilling 9" hole.	
11/18	3702		Ran Induction-Electrical log and Gamma Ray-Sonic log with caliper and integrator logging service by Schlumberger.	
		3738	Drilling 9" hole.	
11/19	3738	4162	Drilling 9" hole. Mud: 9.9/39/15/1 Dev.: 3/4° @ 3957'	
11/20	4162	4538	Drilling 9" hole. Mud: 10.1/65/11/2 Dev.: 3/4° @ 4323'	
11/21	4538	4710	Drilling 9" hole. Mud: 9.4/55/7/2 Dev.: 4-1/4° @ 4538'	
11/22	4710	4877	Drilling 9" hole. Mud: 9.5/45/9/1 pH - 8.5 Dev.: 4-1/2° @ 4788' 4-3/4° @ 4849' 5-1/4° @ 4877'	
11/23	4877	4918	Drilling 9" hole. Mud: 9.3/53/7/1 Dev.: 4° @ 4893' (?) 5° @ 4917'	
11/24	4918	5005	Drilling 9" hole. Mud: 9.2/49/8/1 pH - 8 Dev.: 4-3/4° @ 4953' 5° @ 4995'	
11/25	5005	5248	Drilling 9" hole. Dev.: 4-1/4° @ 5086'	
11/26	5248	5435	Drilling 9" hole. Mud: 9.3/61/8/2 pH - 8.5 Dev.: 4° @ 5240' 4° @ 5426'	
11/27	5435	5571	Drilling 9" hole. Dev.: 4° @ 5713'	
11/28	5571	5731	Drilling 9" hole. Mud: 9.5/43/9.8/2 pH - 10.5	
CONDITION AT Beginning OF PERIOD				
HOLE			CASING SIZE	
SIZE	FROM	TO	DEPTH SET	
26"	0	48	16"	43'
13-3/4"	48	823	10-3/4"	821'
9"	823	3334		
DRILL PIPE SIZES 4"				

John J. Sisler

SIGNED

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(TOWNSHIP OR RANCHO)

Wildcat

(FIELD)

Sandoval County, N. Mex.

(COUNTY)

12/12/61

DAY	DEPTHS		REMARKS
	FROM	TO	
1961			
11/29	5731	5882	Drilling 9" hole. Mud: 9.4/60/4/2 pH - 8
11/30	5882	6042	Drilling 9" hole.
12/1	6042	6170	Drilling 9" hole. Mud: 9.4/56/6/2 Dev.: 4-1/4° @ 6040'
12/2	6170	6321	Drilling 9" hole. Mud: 9.5/36/7/2 Dev.: 4-1/4° @ 6170' Stuck drill string @ 5456 for 3-1/2 hours. Worked pipe free.
12/3	6321	6413	Drilling 9" hole.
12/4	6413	6567	Drilling 9" hole. Mud: 9.7/65/5/2 Dev.: 4° @ 6567' Strapped pipe at 6553', corrected depth to 6567'.
12/5	6567	6727	Drilling 9" hole. Mud: 9.4/65/8/2 Strung up 8 lines on blocks.
12/6	6727	6864	Drilling 9" hole. Mud: 9.6/55/6/2 pH - 8
12/7	6864	6930	Drilling 9" hole. Mud: 9.6/60/5/2 Left 34 bearings in hole. Recovered 33 bearings with junk basket.
12/8	6930	6945	Coring with 8-7/8 Truco Tri Di Diamond Coring Bit - No. C17384 Mud: 9.6/47/4.6/2
12/9	6945	6952	Coring. Pulled core - cut 22', recovered 19'. Conditioned hole for final logs. Mud: 9.7/70/4.4/2
12/10	6952 TD		Hit bridge with logging tool at 4700'. Ran in with bit and circulated and conditioned hole for logs. Raised viscosity to 118. Mud: 9.6/118/4/2
12/11	6952 TD		Logging IES log 3200' - T.D. Gamma Ray-Neutron 5400' - T.D.
12/12	6952 TD		Logging Gamma Ray-Sonic Velocity Survey

CONDITION AT BEGINNING OF PERIOD

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9"	823	5731		
DRILL PIPE SIZE 4"				

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(TOWNSHIP OR RANCHO)

DAY 1961	DEPTHS		REMARKS
	FROM	TO	
12/13	6952 TD		Shot 30 sidewall samples. Recovered 19: 4 @ 6894; 4 @ 6708; 4 @ 6656; 4 @ 6573; 1 @ 6545; 2 @ 6517. Mud: 9.6/108/4/2
12/14	6952 TD		Pumps froze for 13 hours while preparing to plug. Set plug #1 @ 6350 - 75 sacks #2 @ 4650 - 75 sacks #3 @ 3600 - 100 sacks #4 @ 2450 - 100 sacks #5 @ 1050 - 135 sacks 2% CaCl ₂ After 3 hours found top of plug at 798'. Cemented with 25 sacks at approximately 740'. Released rig at 10:30 P.M. 12/14/61. Check BOP Daily Mud Summary Wt 8.9 - 10.1 #/gal. Vis 35 - 70 sec. WL 4 - 15 c.c. FC 1/32 - 2/32

CONDITION AT BEGINNING OF PERIOD

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9"	823	6952		
DRILL PIPE SIZES 4"				

Contractor: Great Western Drilling Company
Contract Pusher: Wayne Hutson
Drillers: J. Smithers, J. Coleman,
L. Browning

Company Drilling Foreman: H. H. Brigham

John J. Sisler

SIGNED