

WELL HISTORY

Chace Oil Company
#1 Rusty Federal
Section 11, T-22-N, R-7-W
800' FSL, 800' FEL,
Sandoval County, New Mexico
Wildcat - Point Lookout (KpI)
Elevation: 6990 G.L., 7001 RKB

Lease: Federal NM-0554433,
Dated 8-1-64
Extended 2 years by Drilling


Spud: 7-31-74, to extend lease, Ludwick Drilling set 91', (3 jts.), 8-5/8", 24#, surface casing @ 93', cemented by Halliburton with 75 sacks, Class B, cement with 2% CaCl, circulated. Good hard set after 20 hours.

Drilling: 8-12-74, Four Corners Drilling - Rig #2, on 9-12-74 drilled out at 7:00 P.M., on 9-16-74 reached TD 4014 at 1:25 P.M.
Drilling Time: 90.5 Hours - on 9-18-74 rig released at 5:00 A.M.

<u>Mud Reports:</u>	<u>Wt.</u>	<u>Vis.</u>	<u>pH</u>	<u>WL</u>
8-12-74 @ 355	8.7	34	9.5	6.6
8-13-74 @ 1760	8.9	34	9.0	7.0
8-14-74 @ 2874	9.0	36	9.5	6.8
8-15-74 @ 3320	9.1	35	9.0	8.2
8-16-74 @ 4004	9.2	55		

Directional Surveys:

1/2°	@	663
1/2°	@	1174
1°	@	1747
1/4°	@	2474
1/4°	@	2803
1/2°	@	3270
3/4°	@	3714
1°	@	4014



Bit Record:

B-1, Smith, DT, 93-1747, 1654', 15 1/2 hrs.
B-2, Smith, DGT, 1747-2474, 727', 12 1/2 hrs.
B-3, Smith, DGT, 2474-2879, 405', 8 1/2 hrs.
B-4, HTC, ClC, 2879-3270, 391', 9 hrs.
B-5, Smith, DGT, 3270-3914 644', 18 hrs.
B-6, Smith, DGT, 3914-4014, 100', 3 1/2 hrs.

Shows: - See Mud Log, Colorado Plateau Well Logging Co.
Operators: J. Donald and C. C. Kennedy

Electric Logs: Schlumberger - Induction-Electric Log 108-4008
Compensated Formation Density 950-3910
Compensated Neutron-Formation Density 950-3910

Casing: Ran 123 jts, 2 1/2" EUE, 6.50#, Tubing, (3660.92') set at 3672.92, cemented with 500 sacks 50/50 pozmix with 6% salt. Plug down at 4:05 A.M. on 8-18-74. Good circulation throughout job. Baffle set at 3668. Spot 50 gallons 7 1/2% acetic acid on plug. Ran temperature survey. Tag top cement inside casing at 3587'. Top cement at 1650'.

TD 4014 PB 3587