

DAVID E. SMINK, P.E.

PETROLEUM CONSULTANT
928 MIDLAND SAVINGS BLDG.
444 — 17TH STREET
DENVER, COLORADO 80202

AREA CODE 303
BUS. 892-1732
RES. 798-9973



00255007

Romac Exploration Co.

No. 18-1 Iliff-Ertle
Section 18, T 9N, R 52W
Logan Co., Colorado

RECEIVED

APR 28 1981

COLO. OIL & GAS CONS. COMM.

DATE	SUMMARY OF OPERATIONS
2/13/81	Moved in and rigged up completion unit. Nippled up Larkin type "R" tubing head.
2/14/81	Unloaded 167 joints 2 7/8" 6.5 lb/ft EUE, J-55 tubing. Picking up singles, ran 4 7/8" bit and casing scraper on 166 joints tubing. Tagged PBDT at 5031'. Hauled in and set a 500-Bbl tank. DES returned to Denver.
2/16/81	DES traveled to Sterling, Colo., and to location. Rigged up Halliburton. Mixed and circulated well with 2% KCl water containing 0.1% Cla-Sta. Spotted 500 gal. 10% MSA acid from 5030' to 4490'. Pulled tubing, casing scraper, and bit. Rigged up Schlumberger. Ran CBL-VDL-PDC logs from 5031' to 4100' under 0 psi and under 1500 psi surface pressure. Bond logs were questionable. Rigged down Halliburton.
2/17/81	Using Schlumberger, perforated 4968-73 FDC with 4 JSPF with a four-inch OD casing jet gun. (A total of 21 shots.) Well went on slight vacuum when perforated. Rigged down Schlumberger. Ran Baker "R-3" packer and PSN on 162 joints tubing, set packer at 4935'. Rigged up swab. Swabbed well for five hours, recovered 82 Bbl water with 1-2% oil at end of day. Cl=12,000 ppm. (See field notes for detail of swabbing record.) Shut well in.
2/18/81	SITP = SICP = 0. Ran swab, tagged FL at 2750'. Swabbed well for eight hours, recovered 89.4 Bbl water with 1-3% oil cut. Shut well in.
2/19/81	SITP = SICP = 0. Rigged up Halliburton. Raised packer to 4755'. Squeeze-cemented perforations 4968-73 with 100 sacks Class "G" containing 0.7% Halad-9 to a final pressure of 2000 psi. Reversed well clean. Rigged down Halliburton. Pulled tubing, PSN, and packer. Ran 4 7/8" bit and casing scraper on 150 joints tubing. Shut well in.

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SUMMARY OF OPERATIONS

- 2/20/81 Hauled in and rigged up reverse circulating unit and power swivel. Nippled up stripping head. Drilled cement stringers from 4760' to 4790' and drilled hard cement from 4790' to 4850'. Reverse-circulated well clean. Shut well in.
- 2/21/81 Drilled hard cement from 4850' to 4975'. Ran bit down-hole to 5035'. Reverse-circulated well clean. Rigged down power swivel and reverse unit. Nippled down stripping head. Rigged up Halliburton. Pressure-tested squeeze job to 1500 psi. Test O.K. Spotted 300 gal. 10% MSA acid from 5025' to 4703'. Rigged down Halliburton. Raised bit to 4935'. Shut well in. (Winds gusting to 35 mph.) DES traveled to Denver.
- 2/23/81 DES returned to Sterling, Colo., and to location. Raised bit to 3700'. Rigged up swab, swabbed well down to 2500'. Pulled tubing, casing scraper, and bit. Rigged up Schlumberger. Perforated 4968-73' FDC with 4 JSPF with a four-inch OD casing jet gun. (A total of 20 shots.) Well went on slight vacuum. Rigged down Schlumberger. Ran Baker "R-3" packer and PSN on 162 joints tubing, set packer at 4938'. Swabbed well down to PSN in one hour. Swabbed well for 1½ hours, recovered 5.3 Bbl load and acid water with trace of oil. Left well on a cracked valve to tank.
- 2/24/81 SITP = SICP = 0. Ran swab, tagged FL at 3900'. (900' fluid rise overnight.) Swabbed well for eight hours, recovered 6.0 Bbl fluid. Fluid was 100% oil (18° API) at end of day. Shut well in. (See field notes for detail of swabbing operation.)
- 2/25/81 SITP = SICP = 0. Ran swab, tagged FL at 4100'. (800' fluid rise overnight.) Pulled swab from 4900', had 99% oil and 1% MSA water. Pulled tubing, PSN, and packer. Rigged up Schlumberger. Perforated 4973-78 FDC with 4 JSPF with a four-inch OD casing jet gun. (A total of 20 shots.) Well went on slight vacuum. Rigged down Schlumberger.

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SUMMARY OF OPERATIONS

2/25/81
(Con't.)

Ran the following production assembly:

<u>No. of Joints</u>	<u>Length - Ft.</u>	<u>Description*</u>
-	25.78	Orange-peeled mud anchor, J-55
-	3.08	Perforated sub, J-55
-	1.08	PSN, 2.25" ID
2	52.59	Tubing, 6.5 lb.ft, EUE, J-55
-	2.84	Baker Model "B" tubing anchor- catcher, shear-pinned for 50,000 lb.
162	4930.40	Tubing, 6.5 lb/ft, EUE, J-55
164	5015.77	Sub-Total
-	2.13	25½" stretch, for 24,000 lb. tension
-	8.00	To KB Zero
164	5025.90	Landed At, KB:

*All items nominal 2 7/8-inch

Rigged up swab. Swabbed well for 3½ hours, recovered 37.0
Bbl load and MSA water with trace of oil. Shut well in.

2/26/81

SITP = SICP = S1. Vacuum. Unloaded sucker rods, rod pump, and
misc. supplies. Swabbed well for five hours, recovered 13.5
Bbl load fluid turning to 100% oil. (See field notes for
swabbing detail.) Ran 2 1/2 x 1 3/4 x 18 bottom hold-down
rod pump on 131 3/4-inch sucker rods and 20 7/8-inch sucker
rods. Shut well in.

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SUMMARY OF OPERATIONS

2/27/81

Continued running sucker rods. Total rod count is as follows:

<u>No. of Rods</u>	<u>Size - in.</u>	<u>Feet</u>	<u>Remarks</u>
131	3/4	3275	New rods - Bethlehem
67	7/8	1675	Used rods - Allen & Schram.
			Changed out approx. one-half of couplings.
-	7/8	4	Rod Sub
-	7/8	6	Rod Sub
<u>198</u>		<u>4960</u>	Totals

Ran 22' x 1½" polished rod. Spaced well out and clamped well off. Rigged down and moved out completion unit. DES traveled to Denver.