

SUMMARY OF OPERATIONS

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Federal "W" Unit #1

DATE	DESCRIPTION
4-13-66	RURT.
4-14-66	50' drlg lime, 17½" hole, ND, spud mud Loffland Drilling Co. spudded in @5:01 a.m. 4-14-66.
4-15-55	(1) 310 ND lm & red bed 1¼° 310, WOC on 10 jts 310' of 13-3/8" 48# H 40, R-2, ST&C casing 2 centralizers, Howco guide shoe, cemented on bottom by Howco w/300 sx. TILW + 100 sx. reg. net, all cement contained 2% HA-5, plug down @9:45 P.M. 4-14-66, Circ. approx. 50 sx. cement, WOC 8 hrs. nipple up to drill 12½" hole.
4-16-66	373' ND lm & sd 12-½" hole ND, lost 100% circ @373, now mixing up 3 pits of fresh water mud, will attempt to regain circulation. Nipple up 13-3/8" casing tested BOP's & casing w/1000# jar 30 min. Okay. WOR total of 21-3/4 hrs.
4-19-66	(5) 961 drlg lime & anhy, 12½" hole 1¼° 815, fresh water.
4-20-66	(6) 1651 drlg. lm, 12-1/4" hole, 1¼° @1369 Fresh water.
4-21-66	(7) 2111 drlg lime & sand, 12½" hole 1½° 1950, fresh water.
4-22-66	(8) 2580' drilling lime and sand 12-1/4" hole, 1¼° at 2,316, fresh water.
4-23-66	(9) 2835 ND lm, 12½ hole. fresh wtr. Prep to run 8-5/8 csg.
4-25-66	(11) 2881 drlg lm, 7-7/8 hole, NND. fresh wtr, Ran 87 jts 8-5/8 OD 32# J55 ST&C csg w/Howco guide shoe & float collar & 3 centralizers. to 2835, cemented on bottom by Howc w/ 950 sx TILW + 100 sx reg, neet, all cement contained 2% HA-5, plug down #10:00 AM 4/23/66. Cement circ approx 15 sx - Nipple up 8-5/8 csg inst BOP's, tested csg w/2000#, then tested BOP's w/3000#. WOC total 39 hrs.
4-26-66	(12) 3541 drl lm & sd, 7-7/8 hole, 1/2 @3262, fr wtr.
4-27-66	(13) 4101 drlg lm & sand, 7-7/8 hole, 3/4 @3939, fr wtr.
4-28-66	(14) 4544 drlg lm & sd, 7-7/8" hole, 3 @4518, fr wtr.
4-29-66	(15) 4732 drlg lm & sd, 7-7/8 hole, 3½ @4703, fr wtr. 9 hrs fishing & rec. 1 - 3" piece of 7/16" chain dropped in hole while making connection.