

HISTORY OF OIL OR GAS WELL

(In compliance with rules and regulations pursuant to ORS 520)

Nahama & Weagant Energy Co. Long View Fiber Co. LF 22-31-65
 (Company or Operator) (Lease) (Well No.)
 Sec. 31, T 6N, R 5W Surveyed Coordinates (if directional, BHL & SHL): SHL: 1163'S & 1306'E of NW Cor.
 BHL: 959'S & 1041'E of NW Cor.
 Wildcat: Yes (or) Field Name: _____ County: Columbia
 Signature: Freddie Cougar
 Date: 12-16-91 Position: V.P. Engineering

Use this form in reporting the daily operations at the well. (Operator may use his own forms, but heading of this form must also be completed and submitted.) Please submit a complete history of the well. Include such information as bit sizes, mud weights, casing sizes and depths set, amount of cement used, drilling depths, fishing, logging, perforating, and plugging procedures, and anything else pertinent to the operation. Do not include lithology.

Date	
1991	
8/27	455' MW 8.9 pcf Vis 49 0° at 40' 4° N 1 W at 143' 6° 45' N 19 W at 203' 7° 15' N 40 W at 264' 10° N 44 W at 324' 12° N 51 W at 385' MIRU Taylor Drilling Rig #7. Spud 12 1/4" hole at 12:30 p.m. (8-26-91). Rotary drill to 44', pick up mud motor and directionally drill as directed to 455'. Circulate clean and pull out of hole. Lay down mud motor and pick up stabilizers at 6:00 a.m.
8/28	496' MW 9.4 pcf Vis 50 13° 15' N 54 W at 496' Make up new BHA. RIH, spot reaming to 455', drill to 496'. Circulate clean and survey. Wipe hole to surface (free). Circulate clean, pull out of hole. Rig up and run 17 jts (499') of 8 5/8" 24# LS, ST&C casing equipped with Halliburton float shoe, set at 496', centralizers 5' above shoe and around collars of joint #1, #3 and

OGHist6.For/7

Rev. August 29, 1990

Drilling History
 Freddie Cougar 22-31-65
 December 16, 1991
 Page 2

#5. Rigged up Halliburton cement head and cemented casing with 20 bbl water ahead. Mixed and pumped 100 sx class "G" cement with 8% gel, 10#/ sx Calseal, .25% Flocele, 3% CaCl₂. Followed by 75 sx class "G" cement with .25% Flocele, 3% CaCl₂, displace plug to shoe with 31.5 bbl water, float held. C.I.P. at 4:24 p.m. (8-27-91). Returned approximately 14.5 bbl cement to surface, clean cellar. Wait on cement. Cut off conductor and casing weld on 8 5/8" S.O.W. X 11" - 3M casing head and test welds to 1000 psi - OK. Nipple up BOPE. Test blind rams to 1000 psi - OK. Make up new bit #2 and BHA. Run in hole to 475', circulate at 6:00 a.m.

8/29 1070'
MW 9.3 pcf Vis 45 pH 9.0
16° N 54 W at 691'
15° 30' N 55 W at 852'
14° 15' N 56 W at 1070'
Test BOPE (witnessed & approved by DOGAMI). Drill out cement, wiper plug and shoe at 496'. Drill to 691', circulate and survey. Drill to 722', circulate clean. POOH (12,000# drag). Change BHA. RIH, spot ream to 722'. Drill to 852', circulate and survey. Wipe hole to shoe (free). Drill to 1070', circulate and survey. POOH (20,000-25,000# drag and swabbing). Change BHA. Run in hole at 6:00 a.m.

8/30 1690'
MW 9.8 pcf Vis 55 pH 9.0
15° 15' N 55 W at 1277'
16° N 55 W at 1557'
17° 30' N 55 W at 1991'
Finish running in hole. Drill from 1070' to 1277', circulate & survey. Wipe hole to shoe (15,000-20,000# drag and swabbing). Drill to 1494', circulate for logger. Drill to 1525', circulate for logger. Drill to 1557', circulate and survey. Wipe hole to 1347' (free), circulate. Drill to 1690' (increased mud weight to 9.8 pcf) at 6:00 a.m.

8/31 1991'
MW 10.0 pcf Vis 56 pH 9.0
17° 30' N 55 W at 1991'
Drill from 1690' to 1712', circulate clean, wipe hole to 1070' (partial swabbing). Circulate for logger, drill to 1991' T.D. at 3:45 p.m. (8-30-91). Circulate clean, survey. POOH to shoe (30,000# spot drag & swabbing). RIH (spot ream to 1991'), circulate clean, POOH (free). Rig up Halliburton Logging Services and RIH with DIL-BCS-CAL-GR to 1991'. Log interval 1989' to 496', prepare to RIH with FED at 6:00 a.m.

9/1

1991'

RIH with FED, logging interval with FED. Rig down loggers. RIH with and lay down BHA, RIH with open ended drill pipe to 1515'. Equalize 30 sx class "G" cement with 3% CaCl₂ (C.I.P. at 4:15 p.m. 8-31-91). POOH to 546', equalize 50 sx. class "G" cement with 3% CaCl₂ (C.I.P. at 6:00 p.m. 8-31-91). Wait on cement. RIH, tag top of cement for shoe plug at 398' (witnessed and approved by DOGAMI). POOH to 60', equalize class "G" cement to surface (C.I.P. at 10:00 p.m. 8-31-91). Nipple down BOPE. Cut off casing head 5' below ground level and weld on plate. Clean mud pits, tear out mud cleaner and load out mud chemicals. Rig released at 3:30 a.m.