

**STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES**

800 NE Oregon St #28 Portland, OR 97201

HISTORY OF OIL OR GAS WELL
(In compliance with rules and regulations pursuant to ORS 520)

Enerfin Resources Northwest

"John Hancock"

43-26-64 (Gandalf)

(Company or Operator)

(Lease)

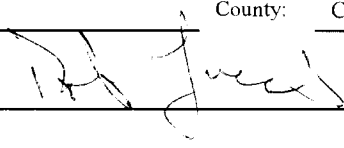
(Well No.)

Sec. 26 T 6N R 4W Surveyed Coordinates:

SHL= 1,345.23' North and 836.53' West from the Southeast corner of Sec. 26 (X=1 329 835.14 Y=851 244.79)

BHL= NA

Wildcat: NA (or) Field Name: Mist Gas County: Columbia

Signature: 

Date: July 13, 1999

Position: Consultant

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 operations. Do not include lithology.

Date

- 06-23-99 MIRU Taylor Drilling Rig #7 on 06-22-99 and finish rigging up on 06-23-99. Weld on conductor, take on fresh water, and mix spud mud. Spud 9-7/8" hole at 2:30 PM. Drill to 396' at midnight.
MW 9.1 Vis 41 WL 8.8
- 06-24-99 Drill from 396'-528'. Circulate clean. Wipe hole to surface. Circulate clean. Pull out of hole. Rig up tongs and run 12 joints (532.86') of 7" 23# J-55 LT&C casing equipped with float shoe and 3 centralizers. Rig up cement head, and circulate and reciprocate casing (wait on cements). Rig up HES cement trucks. Cement casing shoe at 528' as follows: pump 20 BBLs water ahead, mix and pump 105 sx (180.6 cft) of "Light" cement + 3% CaCl2 + .25#/sk Flocele mixed at 13.1 PPG followed by 75 sx (87.7 cft) of "Premium" cement + 3% CaCl2 + .25#/sk Flocele mixed at 15.8 PPG, drop plug and displace to shoe with 20.8 BBLs water, bumped plug (float held), CIP at 2:10 PM with good returns throughout (returned approx. 8 BBLs cement to surface). Wait on cement. Cut off conductor and casing. Weld on 7" SOW X 7-1/16" 3M casing head and test welds to 1200 PSI-OK. Nipple up BOPE at midnight.
MW 9.1 Vis 41 WL 8.8
- 06-25-99 Finish nipling up BOPE and test CSO rams to 1000 PSI-OK. Make up new 6-1/4" bit (#2) and BHA. Run in hole to ~525'. Circulate clean. Repack swivel packing. Circulate and condition mud. Test BOPE and related equipment to 750 PSI-OK (witnessed and approved by Dennis Olmstead-DOGAMI). Drill out cement and shoe. Drill to 586'. Survey (.25° N84W). Drill to 1,078'. Circulate clean. Survey (.50° S87E). Wipe hole to shoe (free). Drill to 1,512'. Circulate clean for survey and wiper trip at midnight.
MW 9.0 Vis 40 WL 5.6
- 06-26-99 Survey at 1,512' (1° N49E). Wipe hole to shoe (free). Drill to 1,887'. Circulate clean. Wipe hole to 1,267' (6K spot drag and swabbing). Drill to 2,012'. Circulate clean. Survey (.25° S16W). Drill to 2,106'. Circulate for logger. Drill to 2,292'. Circulate clean. Wipe hole to 1,575' (8-10K drag and spot swabbing). Drill to 2,510'. Circulate clean. Survey (.25° S16W). Wipe hole to 1,880' (free). Drill to 2,541' at midnight.
MW 9.1 Vis 45 WL 4.4
- 06-27-99 Drill from 2,541'-2,762'. Circulate clean. Wipe hole to 2,100' (2-12K spot drag and swabbing). Drill to 3,012'. Circulate clean. Survey (1° S19W). Wipe hole to 2,700' (8-12K spot drag and swabbing). Circulate clean. Wipe hole to 2,140' (4-10K spot drag and swabbing). Drill to 3,116'. Circulate clean. Pull out of hole (25K spot drag and swabbing to 2,558') at midnight.
MW 9.4 Vis 37 WL 4.8

Enerfin Resources Northw.
“John Hancock” 43-26-64 (Gandalf)
History of Oil or Gas Well
Page 2 of 2

- 06-28-99 Finish pulling out of hole. Change bit (#3). Run in hole to 3,116'. Drill to 3,296'. Circulate clean. Wipe hole to 2,955' (20-30K drag and swabbing from 3,100'). Circulate clean. Wipe hole to 2,645' (10-20K spot drag and swabbing from 3,100'-2,950'). Drill to 3,483'. Circulate clean. Survey (0°). Wipe hole to 2,739' (20K drag from 3,100'-2,900'). Drill to 3,492' at midnight.
MW 9.8 Vis 41 WL 6.0
- 06-29-99 Drill from 3,492'-3,640'. Circulate clean. Wipe hole to 2,974' (5-20K spot drag and swabbing). Drill to 3,694'. Pull out of hole (10-20K spot drag to 2,950'). Change bit (#4). Run in hole to 3,694'. Drill to 3,719' at midnight.
MW 9.6 Vis 38 WL 6.2
- 06-30-99 Drill from 3,719'-3,843'. Circulate clean. Pull out of hole (5-10K spot drag and swabbing). Change bit (#3RR). Run in hole to shoe. Service rig. Run in hole to 3,843'. Drill to 3,888' at midnight.
MW 9.6 Vis 39 WL 4.0
- 07-01-99 Drill from 3,888'-3,982'. Circulate clean. Survey (2° N36W). Wipe hole to 3,662' (4-24K spot drag and swabbing). Drill to 4,204'. Circulate clean. Wipe hole to 3,552' (4-6K spot drag-20K drag at ~3,800'). Drill to 4,392'. Circulate clean. Wipe hole to 3,792' (8-10 spot drag from 4,150'-4,100'). Drill to 4,454' at midnight.
MW 9.7 Vis 38 WL 6.0
- 07-02-99 Drill from 4,454'-4,610' TD at 5:30 AM. Circulate clean. Survey (2° N81W). Wipe hole to shoe (8-10K spot drag and swabbing to 4,238'). Circulate clean. Pull out of hole (2-6K spot drag to 4,238'). Break bit. Rig up Schlumberger and run AIT/DSN/CDL/BHC/GR from 4,598'-528' (shoe), and run CST at selected intervals, rig down Schlumberger. Run in hole with bit, BHA, and excess DP to 3,921' at midnight.
MW 9.7 Vis 42 WL 5.6
- 07-03-99 Circulate clean at 3,921'. Pull out of hole laying down DP, HWDP, DC's, and monel. Run in hole with open ended DP to 652'. Circulate and wait on cementers. Rig up Halliburton. With DP hung open ended at 584' equalize 40 sx “Premium” cement + 3% CaCl2 + .25#/sk Flocele, CIP at 2:30 PM. Wait on cement. Run in hole and locate TOC at 450' (witnessed and approved by Dennis Olmstead-DOGAMI). Lay down remaining DP. Nipple down BOPE. Cut off casing head. Set 30' cement plug in casing from surface. Clean mud pits and release rig at 8:00 PM.