

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	"Columbia County"	11-34-75 (Stegosaur)
(Company or Operator)	(Lease)	(Well No.)
Sec. <u>34</u> <u>T</u> <u>7N</u> <u>R</u> <u>5W</u>	Surveyed Coordinates:	
SHL= <u>556.76' South and 1,034.20' East from the Northwest corner of Sec. 34 (X=1 290 081</u>		<u>Y=882 212)</u>
BHL= _____		
Wildcat: <u>NA</u>	(or) Field Name: <u>Mist Gas</u>	County: <u>Columbia</u>
Signature:		
Date: <u>June 28, 1999</u>	Position: <u>Consultant</u>	

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

06-11-99 MIRU Taylor Drilling Rig #7 on 06-10-99 and finish rigging up on 06-11-99. Weld on conductor, take on fresh water, and mix spud mud. Spud 9-7/8" hole at 1:00 PM. Drill to 196' at midnight.
MW 8.9 Vis 93 WL 10.2

06-12-99 Drill from 196'-226'. Circulate clean. Pull out of hole. Unplug jets in bit. Run in hole to 226'. Drill to 231'. Repair rotary drive-line. Drill to 240'. Pull out of hole. Change bit (#2). Repair mud pumps. Run in hole to 240'. Drill to 267'. Repair rotary drive-line. Drill to 270'. Repair rotary drive-line. Drill to 298' at midnight.
MW 8.9 Vis 64 WL 8.0

06-13-99 Drill from 298'-518'. Circulate clean. Wipe hole to surface. Circulate clean. Pull out of hole. Lay down 6" DC's. Rig up casing tongs and run 12 joints (520.25') of 7" 20# J-55 ST&C casing equipped with float shoe and 3 centralizers. Rig up Halliburton Energy Services (HES) cement trucks. Circulate and reciprocate casing. Cement casing shoe at 518' as follows: pump 20 BBLs water ahead, mix and pump 160 sx (275 cft) of "Light" cement + .25#/sk Flocele + 3% CaCl2 mixed at 13.1 PPG followed by 100 sx (115 cft) of Class "G" cement + .25#/sk Flocele + 3% CaCl2 mixed at 15.8 PPG, drop plug and displace to shoe with 21 BBLs water, bumped plug (float held). CIP at 11:00 PM with good returns throughout job (returned approximately 22 BBLs cement to surface). Wait on cement at midnight.
MW 8.9 Vis 73 WL 8.0

06-14-99 Finish waiting on cement. Cut off conductor and casing. Weld on 7" SOW X 7-1/16" 3M casing head and test welds to 1000 PSI-OK. Nipple up BOPE and test CSO rams to 1000 PSI-OK. Make up new 6-1/4" bit (#3) and BHA. Run in hole to ~510'. Circulate clean. Test BOPE and related equipment to 1000 PSI-OK (witnessed and approved by Dan Wermiel-DOGAMI). Drill out cement and shoe. Drill to 588'. Survey at 551' (2.50° S49W). Drill to 802' at midnight.
MW 8.7 Vis 38 WL 7.2

06-15-99 Drill from 802'-1,049'. Circulate clean. Survey (NG). Wipe hole to shoe (2-5K spot drag). Drill to 1,079'. Circulate clean. Survey (NG). Drill to 1,110'. Survey (NG). Drill to 1,171'. Survey at 1,140' (1° S36W). Drill to 1,326'. Circulate clean. Wipe hole to shoe (free). Drill to 1,635'. Circulate clean. Survey (1° S3W). Wipe hole 10 stands (10K drag). Drill to 1,761' at midnight.
MW 8.8 Vis 39 WL 6.8

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06-16-99 Drill from 1,761'-1,919'. Circulate clean. Wipe hole to 1,400' (8-10K drag to 1,600'). Drill to 2,137'. Circulate clean. Survey (1.50° S15W). Wipe hole to 1,480' (2-6K spot drag). Drill to 2,482'. Circulate clean. Wipe hole to 1,882' (8K drag to 2,242'). Drill to 2,637'. Circulate clean. Survey (1.50° N59W). Drill to 2,668' at midnight.
MW 9.0 Vis 39 WL 4.8

06-17-99 Drill from 2,668'-2,699'. Circulate clean. Wipe hole to 2,290' (4-6K spot drag). Drill to 2,842'. Circulate clean. Wipe hole to 2,356' (2-8K spot drag). Drill to 2,847'. Pull out of hole. Change bit (#4). Run in hole to 2,847'. Unplug jets. Drill to 2,861' at midnight.
MW 9.2 Vis 39 WL 4.4

06-18-99 Drill from 2,861'-2,900'. Circulate for mud logger. Wipe hole to 2,293' (4-10K spot drag). Drill to 3,169'. Circulate clean. Wipe hole to 2,559' (free) at midnight.
MW 9.2 Vis 38 WL 5.2

06-19-99 Drill from 3,169'-3,230' TD at 2:45 AM. Circulate clean. Survey (NG). Wipe hole to shoe (free-stage in hole). Circulate clean. Survey (1° N51W). Pull out of hole (free). Break bit. Rig up Schlumberger and run AIT/DSN/CDL/BHC/GR from 3,224'-518' (shoe), rig down Schlumberger. Run in hole to 3,200'. Circulate and condition mud (measure casing). Pull out of hole laying down DP, HWDP, and DC's. Rig up casing tongs at midnight.
MW 9.2 Vis 41 WL 4.8

06-20-99 Run 100 joints (3,107.34') of 2-7/8" 6.5# J-55 EUE tubing equipped with self fill-up/float shoe, latch down plug seat in first collar, and 20 centralizers. Rig up Halliburton Energy Services cement trucks. Reciprocate casing and circulate clean. Cement casing shoe at 3,106' (latch down plug at 3,073') as follows: pump 20 BBLs mud flush ahead, mix and pump 116 sx (200 cft) of "Light" cement + .25#/sk Flocele mixed at 13.10 PPG followed by 128 sx (150 cft) of "Premium" cement + 3% KCL (w/w) + .3% Halad-322 + .3% CFR-3 + .15% Super CBL mixed at 15.80 PPG, washout lines, drop plug, and displace to seat with 17.70 BBLs of 2% KCL water, bump plug (float held), CIP at 5:00 AM with good returns throughout (calculated TOC at 1,160'). Set casing in slips as cemented. Nipple down BOPE. Cut off casing. Install 7-1/16" 3M X 2-9/16" 3M production tree. Clean mud pits and release rig at 12:00 PM.

07-03-99 Test tree to 750 PSI-OK. Rig up Schlumberger Wireline Service (SWS) truck and run NDI/CBL/CCL from 3,050'-1,050' (log showed good bonding throughout with TOC at 1,250'), run in hole with 1-1/16" Enerjet thru tubing gun, correlate to open hole log and perforate 4 SPF ±45° off-center phased on two planes from 2,897'-2,903', rig down SWS (0 SICP). Rig up swab equipment, run in hole with swab and flow as follows: 1673 MCFD with 675 FCP on 20/64ths choke, 1041 MCFD with 692 FCP on 16/64ths choke, and 579 MCFD with 707 FCP on 12/64ths choke. Shut well in (778 SICP after 15 minutes).

07-06-99 Install SPIDR electronic pressure recorder. Open well to gauge (799 SICP). Put well to flare stack for 48 hour flow test on 16/64ths positive choke with an initial rate of 1012 MCFD at 672 FCP.

07-07-99 Continue monitoring well with a rate of 1037 MCFD and 689 FCP at midnight after 28 hours flow.

07-08-99 Continue monitoring well with a final rate of 1038 MCFD and 690 FCP after 48 hours flow. Shut well in (762 SICP after 1 hour).

07-12-99 Check pressure (791 SICP). Remove SPIDR gauge to return to Data Retrieval Corporation for evaluation of well.