DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES 910 State Office Building Portland, OR 97201 HISTORY OF OIL OR GAS WELL

STATE OF OREGON

t to ORS 520)

		(In compliance	rith rules and r	egulation	s pursuant to ons se	1W 22d-10		
					ONGDC			
Oregon	Natural Gas	Development	0011.0		(Lease)	(Well No.)		
	(Company or op	erator)	S W.	W.B.&M.	Surveyed Coordinates	s: From the west		
Sec. 10	, T	6N R.	osl and Fasi	t 2516	•	:: From the West		
1/4 cc	orner of Sec.	10; North 2	So and nas	exormd	Storage county	. Columbia		
usldcat:	 (o:	-) Field Name:	Mist Under	ground	DEDZIEG!			
Wildest.					1 (1 1/2 1/2	omes -		
				Signature Position:	1 1 1	Thing & Roduc	<u></u>	
Date: O	otober S.	1988			<u> </u>			
			the we	 11. (Opera	itor may use his own	forms, but heading of tell. Include such informs depths, fishing, loggion and include lithology.	his mation	
Use this	form in reporting	the <u>daily</u> opera) Please submi	t a comple	ete history of the w cement used, drillin	forms, but heading of the life	ing.	
form must as bit si	izes, mud weights	, casing sizes ar	nd depths set, a anything else f	pertinent	to the operation. O	ell. Include such imor g depths, fishing, loggi o not include lithology.		
perforati	ING BILL PICTOR	•						
Date			. 1)	2 /3 ¹¹ 02	sing. Spud wi	th 17 1/2" bit.	Drilling	
8-13-88	Mix spud muc	. Unload ar	nd strap 13	and but	ild volume.			
0-13 09								
8-14	nuilling to	460'. Wipe	hole to sur	rface.	RIH. Ream 20 ~ 11 its. (437)	') of 13 3/8", 54	.5非,K-DD 4 17/6/sx	
	clean. POH	to 365'. Losing circulation. POH and biffer to 365'. Losing circulation. POH and biffer to 365'. Losing circulation. POH and biffer to 365'. Circulate hole Drilling to 460'. Wipe hole to surface. RIH. Ream 26' to bottom. Circulate hole Drilling to 460'. Wipe hole to surface. RIH. Ream 26' to bottom. Circulate hole clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean. POH to run casing. Rig up and run il jts. (437') of 13 3/8", 54.5#, k-55 clean.						
		17/10/01				1500		
0.15	tion Cult o	ff casing.	Weld on wel	lnead.	Make up BHA	Test blind and	i pipe rams.	
8-15	cellophane. Good cement returns. WOC. Cut off casing. Weld on wellnead. Pressure test head to 1500 psi for 15 minutes. Nipple up BOPE. Function test blind rams. Make up BHA. Test blind and pipe rams. Nipple up BOPE. Function test blind rams. Drill plug, float and cement. Test hydril with state representative witnessing. Drill plug, float and cement. Test hydril with state representative witnessing. Drilling to 90'. Wipe Drilling cement and shoe. Drilling 12 1/4" hole to 724'. Survey every 90'. Wipe Drilling to 906'. Circulate and survey. POH and pick up mud motor.							
		WILLIAM DOGGET					LAILY LEELING	
_	p.:17ing C	ement and sh	oe. Drilli	$_{ m ng}$ 12 \perp	oto and survey	POH and pick u	p mud motor.	
8-16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1)(.	0					
	Drilling cement and shoe. Drilling 12 1/4" hole to 724'. Survey every 90'. Wipe hole to shoe. Drilling to 906'. Circulate and survey. POH and pick up mud motor Drilling to 955'. Drilling to 1198'. Circulate and survey every 60'. Wipe hole 3 stds. Drilling to 1198'. Circulate and survey every bo'. Wipe hole 3 stds. Drilling to 1201. Circulate and survey. Trip for new BHA. RIH with rotating assembly.							
		. 1198' Ci	rculate and	survey	r every 60° . W	with rotating ass	embly.	
8-17	1778							
	- I Through 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1200 • -				a the above		
					a to lout • "	-PO 17:0	'-1415').	
8-18	Circulate	mvev at 159	5' and 1719	' Win	$\frac{1}{6}$ to 1843'. $\frac{1}{6}$	irculate and surv	ey. Wipe	
	Ream brid	ges from 141	5'-1719'.	oriii.	balled bit. P	(tight from 1719) irculate and surv OH to clean BHA. 1 POH. (tight	from	
	hole to 1	460' Drill	ing 10 1040	/1". I	rilling to 18/	OH to clean BHA. 1'. PUH. (tight Drilling to 1990'	•	
8-19	· DIA KPA			TT-AL IN		_	t intom POH	
8-20	Drilling	to 1997'.	Circulate al	rel, ru	n in hole, dro	er trip. Ream to p ball and core w 29 3/4' recover 56'. POH and lay op ball. Coring	y. Make up	
	1 tor core	Datre-	A - 1 DOTT	⊸⊷odilΩ	TOO DULL COLC JI - T		HATTA COLE	
	core bit	rel RIH an	d drop bal⊥	Core	and RIH. Dr	29 3/4' recovery 56'. POH and lay op bali. Coring	from	
	1 357 ZO	recovery.	Make up cor	e parte	t and 1-i	56'. POH and lay op ball. Coring		
Form		70'.			:			
(9/8	34)		• •		•			
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	-		<u> </u>		,			

Rig up to run casing. Run and hydrotest 48 jts. (2110') of 8 5/8', 32#, k-55 casing. Set at 2106'. Cement with 300 sx 1:1 perlite lead slurry and 710 sx premium tail slurry.

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WOC. Cut off casing. Nipple up tubing spool. Test to 1500 psi for 10 minutes. Nipple 8-24 up BOP. Slip and cut drilling line. Test blind rams to 1000 psi. Test pipe rams and Hydril with state representative witnessing. Drill float, cement to 2100'. POH. Pick up casing scraper. RIH. Work scraper through float joint. POH for logs. Rig up Atlas and run bond log and vertilog. RIH and drill out cement to 2117'. POH 3**-**25 and pick up core barrel. RIH and core from 2117'-2147'. Chain out of hole. Lay down core barrel. Recover core #5, 29 1/2' of core. RIH with core barrel. Circulate.

Coring from 2070'-2087'. POH and lay down core #3. $29\ 1/2$ ' of recovery. RIH. Drop ball and core from 2087'-2217'. POH and lay down core #4. 31' of recovery. Pick

monel, and 12 1/4" tools. Ream from 1940'-1997'. Open hole from 9 7/8" to 12 1/4"

Ream to 2117'. Wipe hole. PUH for logs. Run DIFL, Acoustic, Neutron density and

HISTORY OF OIL OR GAS WELL

dipmeter logs. RIH and circulate. POH for casing.

Date

8-21

8-22

8-23

8-26

8-28

Date

9-1

9-2

from 1997'-2117'.

Set casing slips. WOC.

Core from 2147'-2155'.

packing tools to 2153'.

#6. RIH with core barrel. Circulate. Core from 21/7'-2207'. POH with core #7. Lay down core barrel. Recover 28'. RiH with core barrel. Core from 2207'-2237'. POH with core #8. Recover 22 1/2'. RiH with core barrel. RiH with core barrel. Core from 2237'-2267'. Chain out of hole. Lay down #9. 17 1/2' of recovery. RIH. Core from 2267'-2297'. POH with core #10. Lay down core barrel. Recover 29' of core. RIH. Core trom 2297'-2327'. POH with core #11. Recover 21'. Make up 7 5/8" drilling assembly. Drilling to 2525'. 8**-**27

Drilling to 2739'. Survey. Broke survey line. POH to retrieve survey tool. RIH.

Drilling to 2/70' on TD. Circulate. POH for logs. Rig up Atlas and run DIFL, BCH, CAL, FDC-CNL, Dipmeter logs. RIH with cement diverter to 2221'. Set 100' cement plug.

Coring from 2155'-2177-. Chain out of hole. Lay down core barrel. Recover 8 1/2' of core

WOC. RIH and tag cement at 2140'. Strap out of hole. RIH with bit and drill cement 8-29 from 2140'-2153'. Pull into casing. Mix HEC-10 mud. Trip to bottom and displace hole. POH and pick up under reamer. RIH and under ream from 2107'-2110'. Under ream from 2110'-2153'. Pull into casing. Wait 30 minutes. Run to bottom and 8-30 check for fill. POH for log. Run caliper log. RIH. Wash to bottom. Dump and clean mud pits. Mix HEC-10 mud. Displace hole. POH. Make 2 joints of $5\ 1/2$ " wire wrapped liner (77') and 1 joint of 5'6" blank (32'). RIH with liner and gravel

Form 6a (9/84)

HISTORY OF OIL OR GAS WELL

Otis and remove plug, blow well to atmosphere. Shut in to build pressure.

Make up overshot, sleeve, mandrel. Run and Hydrotest 58 joints (1863') of 5 1/2",

17#, K-55 tubing, rig up Atlas and run Vertilog, space out tubing. Make up donut and land tubing. Nipple up tree and test to 3000 psi for 10 minutes. Rig up Otis and RIH to open sleeve. Rig up nitrogen and displace tubing. RIH and close sleeve. RIH with

Rig down, blow well to atmosphere. 250 psi build up. Load out rental equipment. Released

Page 1978 3 may be the month of

Form 6a (9/84)