## STATE OF OREGON L. APTMENT OF GEOLOGY AND MINERAL INDUSTRIES 910 State Office Building Portland, OR 97201

## WELL SUMMARY REPORT

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

INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Water Mater MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4			AS DEVELO	DRP.	ONGD OM43B-10					
CONTROL OF SEC. 10; NORTH 2035 AND WEST 802					=W					
#### #################################							Surveyed Coord	inates: F	ROM TH	ES.E.
Elevation of ground above sea level is										
Signature:   Superior   Superio	Wildcat:	<del></del>	(or) Field I	Name: <u>M</u>	IST-UNDE	RGROUND S	STORAGE C	ounty:	COLUMB	IA
Date:   Decembry   1988   Signature:   SUPT. DRILLING & PRODUCTION	Elevation of	ground abov	ve sea level	is	feet.	. All depth	measurements	are taken	from	
Date   Security   Position:   SUPT. DRILLING & PRODUCTION	KELLY BU	SHING			, whi	Ich is $\underline{}^1$	11.4		abo	ve ground.
Date   Security   Position:   SUPT. DRILLING & PRODUCTION							4-11	70		
Commenced drilling:   SEPTEMBER 8, 1988   Completed drilling:   SEPTEMBER 17, 198848;	Date: De	comba	- 13, 19	88		Position:	SUPT. DE	RILLING	E PROD	UCTION
Total depth:   2616   Redrill depth:										
DIL, BCH/CAKM GR-CN-DEN, DIPMETER   Size of hole   Size of hole   Casing   Per ft.   Type   Depth   Amount of cement   Type   Depth   Cament   Type   Type   Depth   Cament   Type   Depth   Cament   Type   Depth   Type   Typ								<u>, 19</u> 8 <b>58</b>	A:	
Size of   Size of   Ht. in lbs.   Grade   Depth   Amount of   Cement								<del></del>		
hole   casing   per ft.   Type   Depth   cement	Logs run:	DIL, DOI	IZ CARPI OR	-CIV-DEIV	DIFFILL					<del></del>
CASING RECORD    12 1/4		1		1				Amount of		7
T 7/8   5 1/2   15.5#   K-55   2615   600 SX		J	-							
Plugs  Size of casing From To Shots/ft. Method of Perforating  SEE ATTACHED  LINER  Date Clean 011 bb1/day Gravity Percent Mater MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4			-				_			-
Junk  Size of Casing From To Shots/ft. Method of Perforating  SEE ATTACHED  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Mater F.T.P. F.C.P. S.1.T.P. S.1.C.P.		7 7/8	5 1/2	15.5#		K-55 2615		600 SX		-
Junk  Size of Casing From To Shots/ft. Method of Perforating  SEE ATTACHED  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Macf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.			_							-
Junk  Size of Casing From To Shots/ft. Method of Perforating  SEE ATTACHED  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Macf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.								-		-
Junk  Size of Casing From To Shots/ft. Method of Perforating  SEE ATTACHED  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Mater F.T.P. F.C.P. S.1.T.P. S.1.C.P.		L	<u></u>	<u> </u>				<u> </u>	<del></del>	ال
Junk  Size of casing From To Shots/ft.  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Mcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.							GEOL OG I	ICAL MARKER	र	DEPTH
Size of casing From To Shots/ft. Jet Bullet Slotted Liner  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Mater Form 4	Plugs				<del></del>				<del></del>	
Size of casing From To Shots/ft. Jet Bullet Slotted Liner  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.				<del></del>			· · · · · · · · · · · · · · · · · · ·			
Size of casing From To Shots/ft. Jet Bullet Slotted Liner  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Mater Form 4								<del></del>		
Casing From To Shots/ft. Jet Bullet Slotted Liner  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Form 4	Junk					<del>-</del>	· ,			
Casing From To Shots/ft. Jet Bullet Slotted Liner  SEE ATTACHED  INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water Mater Form 4		Size of				Method of Perforating				
INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Water Mcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4			Fr	From		2	Shots/ft.			
INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Water MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4			SEE ATT			ACHED			-	
INITIAL PRODUCTION  Date Clean Oil bbl/day Gravity Percent Water HMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4	PERFORATIONS									
INITIAL Date bbl/day Gravity Water MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4	LINER									
INITIAL Date bbl/day Gravity Water MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4										
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INITIAL Date bbl/day Gravity Water MMcf/day F.T.P. F.C.P. S.I.T.P. S.I.C.P.  Form 4	•				,					
Form 4	INITIAL	Date		Gravity			y F.T.P.	F.C.P.	S.1.T	.P. S.I.C.P.
	PRODUCTION							1		
	Form 4 (9/84)			L	J	_1		1	1	