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DEPT. OF GEOLOGY  
& MINERAL INDUS

HISTORY OF OIL OR GAS WELL

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

Hutchins & Narra Great Discovery  
(Company or operator) (Lease) (Well No.)  
Sec. 20, T. 30S, R. 9W W.B.&M. Surveyed Coordinates: 19298 & 1459'  
of NW corner  
Wildcat: wildcat (or) Field Name: \_\_\_\_\_ County: Douglas  
Date: 2-20-85 Signature: Mayo Mess  
Position: Partner

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	
7-4-84	Moving rig
7-5-84	Rig up- dug cellar - dug reserve pit - lined pit
7-6-84	0 to 60 - drill - Drilling with air & soap - Firm conglomerates with silt. stone stks.
7-7-84	60 to 132' - drill - congl. with shale & SS stks.
7-8-84	132 to 200' - drill - sand stone & congl. to 165' - became Hd.
7-9-84	200 to 272' - drill - trip for bit - congl. & silt. stone - hard
7-10-84	272 to 382' - drill - silt. stone - clear wht ctz w shale stks - pulled out hole
thru	with bit - ran 8 5/8' csg. to 350' from ground level - cement with 175 sxs cement -
7-11-84	cement circulated - W.O.C.
7-12-84	Break down cementing head - weld on B.H. - start nippling up preventers.
7-13-84	Finish nippling up B.C.P. & test B.C.P.
7-14-84	Rigging up to drill - drill rubber plug & float inside surface csg.
7-15-84	362 to 450' - drill - ran bit #3 - silt stone - shale & white Ctz.
7-16-84	450 to 555' - drill - trip for bit - ran bit #4 - sand - Ctz. - shale
7-17-84	555 to 625' - drill - trip for bit - wait on bit - ran bit #5
7-18-84	625 to 945' - drill - silt stone with shale stks.
7-19-84	945 to 1170' - drill - trip for bit - reaming to Btm. @1090' - SS with shale & Ctz.
7-20-84	1170 to 1475' - drill - sandy silt. stone with shale stks.
7-21-84	1475 to 1580' - drill - trip for bit - mixing mud - started drilling with mud @1560'
	good circulation
7-22-84	1580 to 1725' - drill - condition mud - sandy SS with Ctz. & SD. stks.
7-23-84	1725 to 1863' - drill - mixing mud - sand - SS with Ctz.
7-24-84	Wait for bit - reduce hole to 6 1/2"
7-25-84	1863 to 1895' - drill - trip for bit - wait for bit - sdy SS with Ctz. shale
7-26-84	1895 to 2000' - drill - mix mud - sdy. SS with Ctz & shale
7-27-84	2000 to 2105' - drill - SS with Ctz
7-28-84	2105 to 2195' - drill - SS with Ctz
7-29-84	2195 to 2285' - drill - SS with some shale
7-30-84	2285 to 2365' - drill - mixing mud - SS - sandy stks.
7-31-84	2365 to 2405' - drill - trip for bit - SS with shale
8-1-84	2405 to 2490' - drill - SS with shale to 2465' - shale with SS stks
8-2-84	2490 to 2565' - drill - pulled out for bit - shale with SS stks
8-3-84	2565 to 2580' - drill - wait on bit - ran new bit - SS with Ctz & shale
8-4-84	2580 to 2600' - trip for bit & repairs - wait for bit - SS with Ctz

Date	
8-5-84	2603 to 2625' - in hole with new bit - conglomerate with SS & Qtz.
8-6-84	2625 to 2690' - conglomerate with SS & Qtz
8-7-84	2690 to 2745' - mix mud - conglomerate with SS & Qtz
8-8-84	2745 to 2825' - conglomerate with SS & Qtz
8-9-84	2825 to 2875' - work on block - conglomerate with SS & Qtz
8-10-84	wait on parts for blocks
8-11-84	2875 to 2895' - conglomerate with SS & Qtz
8-12-84	2895 to 2960' - pack swivel - hard SS with Qtz with sd stks
8-13-84	2960 to 2985' - work on swivel - SS with shale & Qtz
8-14-84	2985 to 2990' - started out hole for bit - work on crown bearings
8-15-84	wait on parts
8-16-84	2990 to 3020' - repair crown - ran bit - SS with shale
8-17-84	3020 to 3040' - repair swivel & block bearing - SS with shale
8-18-84	3040 to 3095' - SS - sd stks & shale
8-19-84	3095 to 3155' - repair swivel - SS with sd stks & shale
8-20-84	3155 to 3215' - work on rig - shale & SS & Qtz stks
8-21-84	3215 to 3220' - work on rig - shale & SS & Qtz stks
8-22-84	3220 to 3297' - shale with sd SS & Qtz stks
8-23-84	3297 to 3369' - very poor samples - P.H. & vis down - mix mud
8-24-84	3369 to 3395' - very very poor samples - good petroleum odor in mud - pulled out hole for bit - wait on new drill pipe
8-25-84	wait on drill pipe to replace bad pipe
thru	
8-28-84	
8-29-84	go in hole with new bit - mix mud - replace old mud with new system - old mud had gas bubbles & good pet odor - cir hole
8-30-84	3395 to 3510' - SS & Sd with shale
9-1-84	3510 - Pull out of hole for logging - log well with Welex
9-3-84	rig down & move out rig