

## WEEKLY DRILLING REPORT

<b>Shell Oil Company</b> (COMPANY)			LEASE <u>State A</u>		WELL <u>1</u>	
			DISTRICT <u>Behol</u>		ELEV. _____	
FROM <u>7-24</u> TO <u>7-30</u> 19 <u>57</u>			COUNTY <u>Lea</u>		STATE <u>New Mexico</u>	
WELL DATA						
DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS		
	FROM	TO				
7-24	PBTD	11,692'	Dolomite	Ran impression block, took 24,000# to push through 8172'-8175'. Then free to 8211½'. Set down with 20,000#. Took 18,000# to pull back through 8172'-8175'. Pulled block to surface, and found very heavy scars on sides, and bottom. Ran indentation 2" deep x 3" side, with approximately curvature of 5½" casing. Print of threads, like casing, on bottom of block. Went back in with flat bottom 4-3/4" mill, did not touch anything, except small torque @ 8207', and went through to 8211½'. Simply pressed top of iron. Pulled mill. Ran 4-1/2" steel encased, tar impression block, took slight weight @ 8172', then went to 8211½' and set down with 6000#. Pulled tar block. Tar bottom showed same jagged indentation, but with no thread marks. Took off blowout preventer. Ran spear and picked up on 5½" casing. Found casing free and parted. Now pulling and laying down 5½" casing. Casing is moving free @ 120,000# weight.		
7-25	PBTD	11,692'	Dolomite	Pulled and layed down total of 193 joints 5½" casing. Recovered 8157'. all good pipe. Part was @ 8171'. Egg shaped collar was at bottom of the pipe, collar threads were worn smooth on one side and threads were leaded up from impression blocks. Ran in with 6-1/4" impression block and jars, with no obstruction to 8179'. Set down with 8000#, and then pulled block. Block shows primarily formation scars, and possibly one iron mark. Now out of hole.		
7-26	PBTD	11,692'	Dolomite	Went in hole with 7-7/8" bit to 8170'. Transported redi-mix fresh water mud to location. Displaced salt water with this mud. Took 520 bbls. mud to fill hole, which is close to theoretical volume of hole. Now circulating to condition hole.		
7-27 thru 7-29	PBTD	11,692'	Dolomite	After starting circulation started getting sulphur water back in mud. Necessary to add starch and other materials to condition mud. Stayed in hole 15 hours conditioning mud. Final properties 40 Vis., 16 W.L., 9.0# weight. Pulled bit. Then went in hole with 7" O.D. wall hook with 6-1/4 I.D.; and with clustrite mill sub above hook, 7" O.D., 5-5/8" I.D. with 2 joints 7" O.D., 6-1/4" I.D. wash pipe. Ran in to 8172' but O.D. not touch top of fish; encountered fish @ 8174'. At 8179' mill torqued and locked up, and was as deep as it could be lowered. Stayed in hole 6 hours attempting to get over fish. Pulled hook, mill, and wash pipe tools showed they had been on outside of casing. Ran Halliburton open hole caliper from 8180' to 8-5/8" shoe @ 4250'. Hole had 11" diameter under shoe, 9" @ 8180', ranging up to some 24" hole around 6000'. Layed caliper down, and went in hole with D.P. in order to lay D.P. down. Installed well head equipment. Broke down fishing tools, and jetted mud pits. Released Velma Rig @ 11:00 P.M. (MST) 7-28-57. Now rigging down rig.		
7-30	PBTD	11,692'	Dolomite	Moved equipment off hole. Moved drill pipe to Hobbs. Picked up 5½"		

Drilling off at 11:00 A.M. and rigging off location. *[Signature]*  
 Company *[Signature]* Approved *[Signature]* **Division Mechanical Engineer**