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Test Date 9/7/85 Well No. OCSY 0849
Operator Union Oil
Drilling Contractor Canmar
Location (S-T-R) _____

DRILL STEM TEST

Test Number DST #1 Hole Size 12 1/4
Date 9/7 Drill Pipe (Size & Lgth) 5" 4571'
Test Interval 5470'-5490' 5442-5462' Drill Collars (Size & Lgth) 6 1/2" 399'
Total Depth 5560' Type of Cushion Fluid N₂
Amount of Cushion 1789 psi

TEST DATA

1. Tool open at 05:26 hours.
2. Initial open period 16 minutes.
3. Initial shut-in period 368 minutes.
4. Final flow period 970 minutes.
5. Final shut-in period 612 minutes.
6. Description of blow on initial open period Blowdown of N₂ cushion at surface pressure of 1675 psi to 977 psi
7. Description of blow during test Blowdown of N₂ cushion at surface until liquid surfaced restricting flow
8. G.T.S. 25 minutes; O.T.S. 70 minutes;
Surface choke size 3" valve Bottom hole choke size NA
9. Flow Rate: Gas *1 C.F.P.D. Oil 31 B.P.H. G.O.R. NA
10. Gravity of Gas .561 Gravity of Oil 20° API
11. Total fluid recovery: 588.5 including reverse out
12. Resistivity of H₂O NA Chlorides of H₂O 27,000 P.P.M.
13. Depth of top press bomb 5211 Bottom Bomb 5238

PRESSURE DATA

	Top Inside	Bottom Inside		Top Outside	Bottom Outside
I.H.P.	<u>2493</u>		I.H.P.		<u>2474</u>
I.S.I.P.	<u>2288</u>		I.S.I.P.		<u>2300</u>
I.F.P.	<u>1854</u>		I.F.P.		<u>1833</u>
F.F.P.	<u>2100</u>		F.F.P.		<u>2226</u>
F.S.I.P.	<u>2311</u>		F.S.I.P.		<u>2313</u>
F.H.H.	<u>2492</u>		F.H.H.		<u>2501</u>
Temp.	<u>100°F</u>		Temp.		<u>100°F</u>

SAMPLE CHAMBER DATA

1. Gas	<u>*2</u>	C.F.	
2. Oil		C.C.	
3. H ₂ O		C.C.	
4. Mud		C.C.	
5. B.O.R.		B.S. & W.	

Received
RECEIVED OCS District Office
Anchorage, Alaska

OCT 07 1985 OCT 3 1985

REGIONAL SUPERVISOR'S Management Service
FIELD OPERATION Anchorage, Alaska
MINERALS MANAGEMENT SERVICE

REMARKS

*1 Gas rate too small to measure

*2 Sample chamber under pressure sent to lab, found to contain only water and gas

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