LYNES

DRILL STEM TEST SERVICE REPORT

Field: Wildcat Formation: Atoka Job No. 41-DST-697 Test No. 1 Customer Test No. 4

Location: 20 Miles N.E. Carlsbad New Mexico Net Feet of Pay: 78 Elevation:

County: Eddy State: New Mexico Test Interval: 9488 To 9410 T.D. 10,030

Division: W. Texas District: Midland Type Test: Stt. Inf. DST.

Address: Suite 1700 Cambell center Customer's Representative: George Weldon

3350 North Central Expressway Dallas, Tex. Lynes' Representative: Paul Robbins

No. Reports To: See distribution list

TESTING TIME

Started in hole at: 5:00 p

Initial flow: 55 Mins. Initial shut-in: ____ Mins.

Second flow: ____ Mins. Second shut-in: ____ Mins.

Third flow: ____ Mins. Third shut-in: ____ Mins.

TEST DESCRIPTION	TIME
Opened tool for Initial First Flow	1:20 am
Closed tool for First Shut-In	Weak to strong 12:00
Re-opened tool for Second Flow	2:15
Closed tool for Second Shut-In	
Opened for Third Flow	
Closed for Third Shut-In	
Unset	

MUD AND HOLE DATA

Mud Type	Chem.	Top Packer OD	7"
Weight	8.9	Bot Packer OD	7"
Viscosity	39	Bot Hole Choke Size	1"
Water Loss	2.8	Bot Hole Temp.	N/A
Filter Cake	1/32	Caliper Hole Size	8½
Hole Size	7 7/8	Rat Hole Size	
Casing Size	8 5/8	Set At	1900'
Drill Pipe Size	4" FH	Weight	I.D.
Drill Collar Size	4" H 90	Feet Run	I.D.
Cushion	None	Volume	Feet

REMARKS

Set packers too high first setting. Moved down hole 64' set again weak to strong blow-very little sing of gas. Got preflow 1 shut-in on first setting. Second setting got preflow 2nd shut in. packers gave way picked up 3 ft to set packers 3rd. time got 15 Min preflow and 1 Hr. shut in. But went to open for second flow and formation gave way.
Came out of hole

TEST RECOVERY DATA

Flow

TIME	SURF. CHOKE	PSIG/INCHES	AMOUNT

RECOVERY Test was not reversed out

1900 Ft. of Drilling Mud

Ft. of

Ft. of

Ft. of

Ft. of

Pit Res. Test Res. .9@68°

Pit Chlorides 30,000 Test Chlorides 30,000

PRESSURE READINGS

DESCRIPTION	Inside # 6851 Cap. 6200 Hrs. 18 Depth 9414	Outside # Cap. Hrs. Depth Third Test	12200 Cap. 7500 Hrs. 36 Depth 9416	Cap. Hrs. Depth Third Test
1. Initial Hydrostatic	4549 p.s.i.	4725 p.s.i.	4597 p.s.i.	4723
2. Initial First Flow	170 p.s.i.	636 p.s.i.	126 p.s.i.	631
3. Final First Flow	290 p.s.i.	682 p.s.i.	334 p.s.i.	710
4. First Shut-In	1742 p.s.i.	1494 p.s.i.	1751 p.s.i.	1546
5. Second Initial Flow	4549 p.s.i.	4712 p.s.i.	4597 p.s.i.	4723
6. Second Final Flow	Second Test p.s.i.	p.s.i.	Second Test p.s.i.	
7. Second Shut-In	4646 p.s.i.	p.s.i.	4594 p.s.i.	
8. Third Initial Flow	404 p.s.i.	p.s.i.	268 p.s.i.	
9. Third Final Flow	378 p.s.i.	p.s.i.	400 p.s.i.	
10. Third Shut-In	1145 p.s.i.	p.s.i.	1183 p.s.i.	
11. Final Hydrostatic	4714 p.s.i.	p.s.i.	4597 p.s.i.	

COMPANY: SOUTHERN UNION PROD.

LEASE AND WELL NO.: COUTRY # 1

TEST NO.: 1

DEPTH: 9488-9410

DATE OF TEST: 9-17-74