

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

7. Unit Agreement Name	

8. Farm or Lease Name	
J. Lee Daniels	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Mora	

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)</small>	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <i>SUSPENDED</i>	
2. Name of Operator <i>TRIO PETRO INC.</i>	
3. Address of Operator <i>1700 Broadway, Suite 304, Denver, Colorado 80290</i>	
4. Location of Well UNIT LETTER <i>F</i> , <i>1980</i> FEET FROM THE <i>North</i> LINE AND <i>1980</i> FEET FROM THE <i>West</i> LINE, SECTION <i>7</i> TOWNSHIP <i>22N</i> RANGE <i>22E</i> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <i>SUSPEND OPERATIONS</i> <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input type="checkbox"/>
ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See attached report - Operator awaiting further operations and service rig availability.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED <i>WS Balke Jr</i>	TITLE <i>Vice President</i>	DATE <i>June 1, 1977</i>
APPROVED BY <i>Carl M. Long</i>	TITLE <i>SENIOR PETROLEUM GEOLOGIST</i>	DATE <i>8/10/77</i>
CONDITIONS OF APPROVAL, IF ANY:		

E. C. BARNHOLT
PETROLEUM ENGINEER

903 Republic Building
Denver, Colorado 80202
(303) 222-0050

TRIO PETRO INC.

WELL SUMMARY

STATE: New Mexico

COUNTY: Mora

LEASE: Lee Daniels

WELL: No. 1

LOCATION: SE/4 NW/4 Section 7, Township 22 North,
Range 22 East

ELEVATION: 6120 G.L.

DATE SPUDDED: February 17, 1977

CONDUCTOR HOLE SIZE: 13 3/4" Depth: 40 ft.

CONDUCTOR SIZE: 10 3/4" Amount: 40 ft.

SIZE HOLE BELOW
CONDUCTOR: 8 3/4" to 1129 ft.

PRODUCTION CASING
SIZE: 7", 8 rd., 17 lb., 2100 psi test to
991.00 ft.

CEMENTED WITH: 25 sacks Class "A" neat, top cement
820 ft.

SIZE HOLE BELOW

PRODUCTION CASING: 8-3/4" to 1129 ft.
6 1/4" to 1378 ft., 6 1/8" to 1512 ft.

LINER SIZE:

CEMENTED WITH:

STIMULATION:

DAILY DRILLING REPORT

February 17, 1977: Rig up, spud well @ 10:00 a.m. Drill 6 1/4" pilot hole to 40 ft., top shale @ 38 ft. Ream pilot hole to 13 3/4", drilled ahead to 40 ft. Set 40 ft. 10 3/4" conductor, put 2 sacks cement around conductor, out from under conductor @ 3:35 p.m. Drilled 8 3/4" hole to 180 ft.

February 18, 1977: Drilled ahead to 460 ft., est. water @ 5 GPM. Riggd to mist drill.

February 19, 1977: Cut ditch @ blooie line, est. water 150 ft. from surface. Drilled ahead to 600 ft.

February 20, 1977: Drilled ahead to 840 ft.

February 21, 1977: Drilled ahead to 1006 ft.

February 22, 1977: Drilled ahead to 1038 ft., not enough air pressure to circulate. Ordered booster from Colorado Air Drilling, Grand Junction, Colorado.

February 23, 1977: Wait on booster.

February 24, 1977: Wait on booster.

February 25, 1977: Rig up booster, drill ahead to 1062 ft.

February 26, 1977: Drill ahead to 1088 ft.

February 27, 1977: Drill ahead to 1129 ft.

February 28, 1977: Condition hole, pull bit and drill pipe, prep. to run 7" csg., release booster operator, put booster on standby. Wait on 7" Packer shoe. Packer shoe delivered @ 5:00 p.m. Cumulative 8 3/4" bit footage 4036 ft., bit condition - 1 cone, locked; 1 cone, bearings gone; 1 cone, loose.

March 1, 1977: Ran 59 jts. 7", 17 lb. 2100 psi test csg to 991.16 ft., csg. equipped with Packer shoe, 1 - centralizer on the collar of the shoe joint, 1 - basket above the centralizer, Pressured csg. to 1000 psi,

expanded Packer shoe rubber, opened cementing ports, broke circulation. Cemented with 25 sacks Class "A" neat cement. Plug down @ 2:55 p.m., float held, good returns throughout.

March 2, 1977: WOC

March 3, 1977: WOC (on Contractor)

March 4, 1977: Install drilling head and steel blooie line. Run 6 1/4" bit in blowing well down; drill, plug and shoe, couldn't dry well up. Shut down.

March 5, 1977: Started booster, unloaded well, went to bottom, blew well until 1:30 p.m., no decrease in water. Pulled drill pipe, prep. to log.

March 6, 1977: Wait on loggers.

March 7, 1977: Rig up Welex, ran IES, CDL, GR/N.

March 8, 1977: Ran Bond Log, good bond, top cement 820 ft. Ran 6 1/4" bit, drilled ahead to 1172 ft.

March 9, 1977: Drilled ahead to 1252 ft.

March 10, 1977: Drilled ahead to 1337 ft.

March 11, 1977: Drilled ahead to 1378 ft. Pulled drill pipe, picked up new Smith J-5 6 1/8" bit, go part way back in hole, cumulative 6 1/4" RR bit footage 249 ft., bit condition - 1 cone, locked; 2 cones, bearings gone.

March 12, 1977: Run 6 1/8" bit to bottom, drill ahead to 1482 ft. Released booster.

March 13, 1977: Drilled to 1512 ft. Rigged up Welex, ran IES, CDL & GR/N logs. Installed 7" x 3" swage and 3" plug valve as well head. Cumulative 6 1/8" new Smith bit footage 134 ft., bit condition good. Released rig.

March 15, 1977: Rig up Schlumberger for repeat formation tests. Shorted panel.

March 16, 1977: Install replacement panel in logging truck. Ran tests.

Cores: None

Tests:

<u>No.</u>	<u>Depth</u>	<u>Press.</u>	<u>Buildup Time</u>	<u>Hydrostatic</u>	<u>Sample Recovery</u>
1	1391	455 psi	4 min	453 psi	.28 ft ³ gas, 7500 cc wtr.
2	1294	12 psi	6 min	410 psi	None taken
3	1245	393 psi	4 min	393 psi	.02 ft ³ gas, 600 cc wtr.
4	1093	12 psi	5 min	325 psi	None taken
5	1071	12 psi	5 min	317 psi	None taken
6	1047	13 psi	5 min	309 psi	None taken
7	1006	291 psi	3 min	291 psi	None taken
8	1005	291 psi	3 min	291 psi	None taken
9(A)	1007	292 psi	2.5 min	292 psi	.3 ft ³ gas, 7000 cc wtr.
9(B)					.1 ft ³ gas, 2500 cc wtr.

Test No. 1 (2 3/4 gal.)

ISIP	455 psi
Shut-in time	4 min
Sampling time	5 min
Sampling	455 psi
FSIP	455 psi
Shut-in time	Inst.
Hydrostatic	455 psi
Recovered:	.265 ft ³ free gas, .015 ft ³ solution gas, 7500 cc wtr.
Rw =	9.2 @ 65°F

Test No. 3 (1 gal.)

ISIP	393 psi
Shut-in time	4 min
Sampling	130 psi
Sampling time	61.5 min
FSIP	393 psi
Shut-in time	Inst.
Hydrostatic	393 psi
Recovered:	.02 ft ³ gas (total), 600 cc wtr.
Rw =	6.4 @ 64°F

Test No. 9A (2 3/4 gal.)

ISIP	291 psi
Shut-in time	2.5 min
Sampling	287 psi
Sampling time	2.5 min
FSIP	287 psi
Shut-in time	Inst.
Hydrostatic	287 psi
Recovered:	.25 ft ³ gas, .03 ft ³ solution gas, 7000 cc wtr.
Rw =	9.5 @ 65°F

Test No. 9B (1 gal.)

ISIP	287 psi
Shut-in time	Inst.
Sampling	287 psi
Sampling time	1 min
FSIP	287 psi

Test No. 9B (1 gal.) (cont'd.)

Shut-in time 1 min
Hydrostatic 287 psi
Recovered: .09 ft³ free gas, .01 ft³ solution gas,
 2500 cc wtr.
Rw = 9.5 @ 65°F

Formation Tops:	<u>Formation</u>	<u>Electric Log</u>	<u>Datum</u>
	Carlile	556	+5564
	Greenhorn	745	+5375
	Graneros	800	+5320
	Dakota	928	+5192
	Morrison Marker	1105	+5015
	Morrison Shale	1201	+4919
	Entrada	1503	+4617
	Total Depth	1512	+4608

Conclusions: After careful study of the logs, samples and test data, it was decided to attempt to complete this well in the Morrison and/or Dakota. A completion program is being designed. Status of the well is shut-in waiting on completion tools.