

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.O.S.	☒
LAND OFFICE	☒
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG 5573	

1a. TYPE OF WELL *130m*
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ DEC 8 1982b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ O. C. D.
2. Name of Operator ARTESIA, OFFICE3. Address of Operator
Transwestern Gas Supply Company ✓
P. O. Box 2521; Houston, Texas 772524. Location of Well
UNIT LETTER *F* LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROMTHE West LINE OF SEC. 33 TWP. 6S RGE. 23E NMPM
15. Date Spudded 9/24/81 16. Date T.D. Reached 10/14/81 17. Date Compl. (Ready to Prod.) 12/21/81 18. Elevations (DF, RKB, RT, GR, etc.) 4063' GR 19. Elev. Casinghead Same20. Total Depth 3900 21. Plug Back T.D. 3420 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools
Rotary24. Producing Interval(s), of this completion - Top, Bottom, Name
2968-72, 2976-78, 2982-84, 2991-99, 3004-06, 3015-17, 3020-22, 3061-3101, 3140-53, 3258-63, 3344-54 & 3370-74 (91 holes) (Abo)
25. Was Directional Survey Made No26. Type Electric and Other Logs Run
FDC-CNL-DIL
27. Was Well Cored No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14 3/4	48	40	17 1/2	Grouted to surf	None
8 5/8	24	858	12 1/4	1567 sx, 25 circ to surf	None
4 1/2	10.5	3888	7 7/8	950 sx back to 530'	None

LINER RECORD			TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attachment		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		See	Attachment

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
SI		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/6/82	6	4/64		0	32	0	N.A.
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
820	819		0	176	0	N.A.	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented
Test Witnessed By
Hank Spruill/Rick Pagan35. List of Attachments
Form C-122, AOF Graph, Pressure chart & table, Analysis Certificate, Multipoint Field Data Sheet36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
SIGNED *Ronnie Hreniwinkel* TITLE *Production Engineers Asst* DATE *12-2-82*

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 2355	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard 2617	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 2913	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____
No. 4, from _____ to _____	feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1100		Sand stone	2250	2350		Siltstone, Dolomite, anhydrit
1100	1360		Sandstone with occ. Shale, Siltstone & Anhydrite				
1360	1370		Siltstone	2350	2570		Shale, dolomite
1370	1810		Sandstone with occ. Siltstone, Anhydrite, shale	2570	2940		Siltstone, Dolomite, anhydrit
			Sandstone, Dolomite & Anhydrite	2940	3150		Shale & Anhydrite
1810	2106		No sample	3150	3200		Sandstone and Siltstone
2106	2160		Shale & Anhydrite	3200	3510		Shale with occ. anhydrite
2160	2250			3510	3580		Shale slight siltstone
				3580	3900		Shale with slight Siltstone & occ sandstone

FORM C-105 ATTACHMENT
MACHO STATE #2
PERFORATION, ACIDIZING & FRAC HISTORY

31. Perforation Record (Interval, size and number)

Zone #1: 3862-70, 3845-53, 378 -88, 3744-48 (28 holes)
 Zone #2: 3660-65, 3631-41, 367 -27, 3604-10, 3585-90 (40 holes)
 Zone #3: 3525-32, 3500-14, 348 -90, 3482-84, 3474-78, 3466-68, 3453-58, 3446-50 (49 holes)
 Zone #4: 3370-74, 3344-54 (16 holes)
 Zone #5: 3258-63, 3140-53 (20 holes)
 Zone #6: 3061-3101 (26 holes)
 Zone #7: 3020-22, 3015-17, 300 -06, 2991-99, 2982-84, 2976-78, 2968-72' (29 holes)

Total of 208 3 1/8" holes in the Abo formation.

32. Acid, Shot, Fracture, Cement, Squeeze, etc.

<u>Depth Interval</u>	<u>Amount & Kind Material Used</u>
3744-3870	A/3600 gals 7½% MCA & 90,000 SCF N ₂ . Displ w/ 2% KCL
3585-3665	A/6000 gals 7½% MCA + N ₂
3446-3532	A/7350 gals 7½% MCA
3344-3374	A/2400 gals 7½% MSA & 57,000 SCF N ₂ . F/42,000 gals 75% foam, 40,000# 20-40 sand, 601 MCF N ₂
3140-3263	A/2874 gals 7½% MCA, 68 MCF N ₂ . F/42,000 gals 75% foam, 40,000# 20-40 sand, 601 MCF N ₂ .
3061-3101	A/3900 gals 7½% MSA, 93 MCF N ₂ . F/30,000# gel, 15,000 gals CO ₂ , 15,000# mesh sand, 100,000# 20-40 sand.
2968-3022	A/4350 gals 7½% MCA, 52 MCF N ₂ .

KELTIC SERVICES INC

COMPANY TRANWESTERN GAS
LEASE MACHO.
FIELD NA
DEPTH 3300 FEET
TUBING PRESSURE 907 PSIG
BOMB NUMBER 781

DATE NOV 6-11 82
WELL NUMBER #2
FORMATION ABO
CASING PRESSURE 0 PSIG
OPERATOR CHUCK

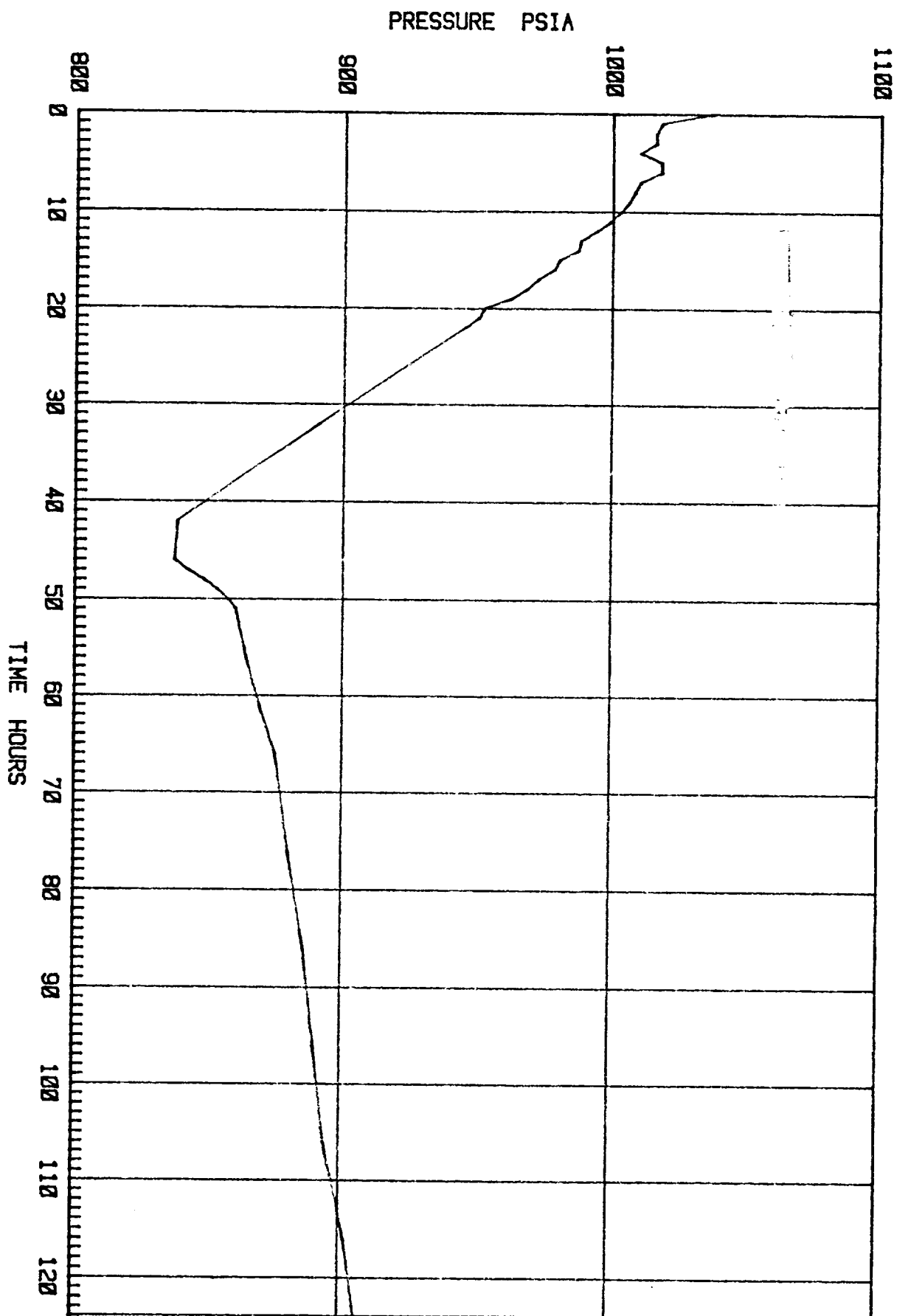
TIME	HOURS	PRESSURE	PSIA
0.00		1037.20	
1.00		1018.20	
2.00		1016.20	
3.00		1016.20	
4.00		1010.20	
5.00		1018.20	
6.00		1018.20	
7.00		1010.20	
8.00		1008.20	
9.00		1006.20	
10.00		1003.20	
11.00		999.20	
12.00		994.20	
13.00		988.20	
14.00		987.20	
15.00		980.20	
16.00		978.20	
17.00		972.20	
18.00		968.20	
19.00		962.20	
20.00		952.20	
21.00		950.20	
22.00		945.20	
32.00		891.20	
42.00		838.20	
46.00		837.20	
47.00		842.20	
48.00		848.20	
49.00		853.20	
50.00		857.20	
51.00		860.20	
56.00		864.20	
61.00		869.20	
66.00		875.20	
76.00		880.20	
86.00		886.20	
96.00		890.20	
106.00		894.20	
116.00		902.20	
124.00		906.20	

THANK YOU

TRANWESTERN GAS

MACHO. #2

NOV 6-11 82



KELTIC SERVICES