

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	1 /
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG 5572

7. Unit Agreement Name

8. Form or Lease Name

Wolf State

9. Well No.

1

10. Field and Pool, or Wildcat

Und. Abo

12. County

Chaves

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O. C. D.
ARTESIA, OFFICE

10. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REVR. ☐OTHER ☐

2. Name of Operator

Transwestern Gas Supply Company

3. Address of Operator

P. O. Box 2521, Houston, TX 77001

4. Location of Well

UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROMTHE East LINE OF SEC. 16 TWP. 6 RGE. 23 NMPM

15. Date Spudded 9-12-81 15. Date T.D. Reached 9-20-81 17. Date Compl. (Ready to Prod.) 11-10-81 18. Elevations (DF, R&B, RT, GR, etc.) 2405 GR 19. Elev. Casinghead 2405

20. Total Depth

4322

21. Plug Back T.D.

3665

22. If Multiple Compl., How

Many

N.A.

23. Intervals

Drilled By

Rotary Tools

X

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

3158-62; 3174-88; 3242-46; 3248-50; 3254-60; 3360-98; 3448-50; 3452-54; 3458-62;
3506-14; 3538-48; 3571-74; 3612-18; 3630-42 Abo

25. Was Directional Survey

Made

No

26. Type Electric and Other Logs Run

Comp. Neutron.; Dual Induction SFL, Form Density

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	60'	17 1/2 Rathole	Grout to surface	None
8 5/8	24	1765	12 1/4	Circ. to surface Class C	None
4 1/2	10.5	4070	7 7/8	475 sx	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3150	No

31. Perforation Record (Interval, size and number)

3158-62; 3174-88; 3242-46; 3248-50; 3254-60; 3360-98
3452-54; 3458-62; 3448-50; 3506-14; 3538-48; 3571-74
3612-18; 3630-42.
.36" hole, 1SPF (except 3371-3389 1SP2F)
Total 121 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached Detail

33. PRODUCTION (see attached 4-point test)

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
WOPL		Flowing				S.I. - WOPL	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-19-81	24	3 9/64			94	No Water	No Condensate
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1014-585	1000-760		0	69-145	0	N.A.	

34. Disposition of Gas (Solid, used for fuel, vented, etc.)

Vented

Test Witnessed By

Richard Townleg; Henry Spruill

35. List of Attachments

Form C-122; Graph of AOF; Meterchart; BHP readings; Field data Sheet; Graph of BHP test.

36. 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

TITLE

Mgr. U.S. Onshore Prod.

DATE

1-13-82

INSTRUCTIONS

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"
D. 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 Quizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 2523	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 3080	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 3825	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 3158 to 3188	No. 4, from 3448 to 3462
No. 2, from 3242 to 3260	No. 5, from 3506 to 3548
No. 3, from 3360 to 3398	No. 6, from 3571 to 3642

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole. NONE

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	290	290	Surface Rock	3360	3990	630	sand, shale
290	1100	810	Sand	3990	4322	332	shale with about 10% sand.
1100	1210	110	shale				
1210	1770	560	Sand, shale, Anhy,				
1770	2525	755	Sand, shale, Dol.				
2525	2650	125	Siltstone				
2650	3080	430	Sand, shale, Dol, Anhy				
3080	3360	280	Shale, siltstone				

ACID, FRACTURE, CEMENT, SQUEEZE, ETC.

Depth Interval	Amount	Kind
3571-3642	3,000 gallons	7½% MCA + N ₂
	30,000 gallons	N ₂ 75 foam
	25,000 lbs.	20-40 sand
3448-3550	3,500 gallons	7½% MCA + N ₂
	34,000 gallons	N ₂ 75 foam
	30,000 lbs.	20-40 sand
3360-3398	3,500 gallons	7½% MCA + N ₂
	34,000 gallons	N ₂ 75 foam
	30,000 lbs.	20-40 sand
3158-3260	4,000 gallons	7½% MCA + N ₂
	38,000 gallons	N ₂ 75 foam
	34,000 lbs.	20-40 sand

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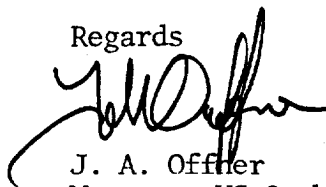
O. C. B.
ADAMS, OFFICE

WOLF STATE #1
CHAVES CO. N.M.
1980' FSL & 1980' FEL Sec. 16 T6S R23E
LEASE # LG5572

<u>SURVEY DEPTH RKB</u>	<u>SECTION LENGTH</u>	<u>DEVIATION</u>	<u>SECTION DISPLACEMENT</u>	<u>CUMULATIVE DISPLACEMENT</u>
513	513	1/4°	2.24'	2.24'
1194	681	1/4°	2.97'	5.21'
1745	551	1/4°	2.40'	7.61'
2510	765	1/2°	6.68'	14.29'
3065	555	1/2°	4.84'	19.13'
3530	465	3/4°	6.08'	25.21'
4050	520	1°	9.08'	34.29'
4335	285	1°	4.97'	39.26'

The above deviation figures are from standard deviation tools supplied and run by the drilling contractor under the supervision of a Transwestern Gas Supply Co. representative. Calculations were made by qualified office personnel using standard calculation methods. Misruns, causing some sections exceeding 500' are not shown.

Regards



J. A. Offner
Manager, US Onshore Prod.

JAO/BC/sly