

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ 1c
5. State Oil & Gas Lease No.
LG 3657

10. TYPE OF WELL	
a. TYPE OF COMPLETION	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Diane State
9. Well No.
1-Y
10. Field and Pool, or Wildcat
Caudill Permo Per

2. Name of Operator
Argee Oil Company
3. Address of Operator
810 C & K Petroleum Building, Midland, Texas 79701
4. Location of Well

UNIT LETTER <u>I</u>	LOCATED <u>700</u>	FEET FROM THE <u>East</u>	LINE AND <u>1980</u>	FEET FROM
THE <u>South</u> LINE OF SEC. <u>16</u> TWP. <u>15-S</u> REG. <u>36-E</u> NMPM				

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RAB, RT, GR, etc.)	19. Elev. Casinghead
9/10/81	10/16/81	10/30/81	3902 GL	3902
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
10900'	10860'	--	--	yes

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Made
10562-10634 Permo Penn	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Neutron Density, DI-SFL, PML	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PUT
13-3/8	48	366	17-1/2	370 sacks Class "C"	None
8-5/8	24-32	4750	11	1900 " lite & "C"	None
4-1/2	11.6	10900	7-7/8	275 sacks Class "H"	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER S
					2-3/8	10446	10318

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
10562-10574, 10582-10592, 10614-10616, 10631-10634	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USE</th> </tr> <tr> <td align="center">10562- 10634</td> <td align="center">Acidize 3000 gallons</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USE	10562- 10634	Acidize 3000 gallons						
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USE										
10562- 10634	Acidize 3000 gallons										

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)		
11-27-1981	Flowing				Shut-in		
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-27-1981	24	32/64	→	179	890.5	14 load	4975
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Ca	
125	Packer	→	179	890.5	14	43	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	Melvin Wilkins

35. List of Attachments

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 <u>[Signature]</u>	TITLE <u>Agent</u>	DATE <u>Dec. 4, 1981</u>

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 also be reported. For multiple completions, from 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except state land, where six copies are required. See Rule 1109.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 2078	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3110	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 4695	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta 6215	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinbry 6876	T. Gr. Wash	T. Morrison	
T. Tubb 7467	T. Granite	T. Todillo	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo 8090	T. Bone Springs	T. Wingate	
T. Wolfcamp 9700		T. Chinle	
T. Penn. 9970		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from 10562 to 10634	No. 4, from
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	300'	300'	Fill, Gravel, Sand, Shale	7660	9700'	2040'	Dolo, Shale Streaks
300	2037'	1737'	Sand, Shale, Dolo Stringers	9700'	10000	300	Lime, Shale, Streak
2037	3110'	1073'	Anhydrite, Shale Streaks	10000	10560	560'	Lime & Shale
3110	4695'	1585'	Shale, Sand, Dolo	10560	10670	110'	Lime, Shale Streaks
4695	6215'	1520'	Dolo, Anhydrite Dolo Shale & Sand Streaks	10670	10900	230'	Lime, Chert, Shale
6215	6876'	661'	Shale, Sand, Dolo				
6876	7467	591'	Dolo, Shale				
7464	7660	193'	Shale, Dolo Stringers				

RECEIVED

DEC 10 1991

STATE OF NEW MEXICO