

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

FEE

9. Well No.

3

10. Field and Pool, or Wildcat
Aztec PC
Blanco MV

12. County

San Juan

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

C. & E. Operators, Inc.

3. Address of Operator Suite 1100 Two Energy Square

4849 Greenville Avenue, Dallas, TEXAS 75206

4. Location of Well

UNIT LETTER I LOCATED 1640 FEET FROM THE South LINE AND 1000 FEET FROM

THE East LINE OF SEC. 3 TWP. 30 North 11 West NMPM

15. Date Spudded

5-23-83

16. Date T.D. Reached

5-30-83

17. Date Compl. (Ready to Prod.)

7-8-83

18. Elevations (DF, RKB, RT, GR, etc.)

Gr.=5797'; KB=5810'

19. Elev. Casinghead

5798'

20. Total Depth

5010'

21. Plug Back T.D.

4948'

22. If Multiple Compl., How Many

2

23. Intervals Drilled By

Rotary Tools

Cable Tools

→ All

None

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

2280 to 2368' Pictured Cliffs

4272 to 4778' Mesaverde

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Gearhart IES & FDN Open Hole Blue Jet CB Logs

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" Conductor	48#	73' KB	12 1/2"	Drove through gravel beds	None
9-5/8"	36#	254' New	12 1/2"	225 sx. Cl. B 2% CaCl ₂	0
7"	23#	4982' New	8-3/4"	*1st stg. 300 sx. (420 cft)	
		*Stage collar @ 2459'		2nd stg. 430 sx. (780 cft)	

29. LINER RECORD ** Recements on back side

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-3/8" EUE	4562'	Mod. D @ 2420'
					1-1/4" "	2305'	

31. Perforation Record (Interval, size and number) Blue Jet (0.4")

PC 12 jets @ 2280'-84'-90'-94'-98'; 2301'-07'-11'-28'-32'-66'-68'.

MV 40 jets @ 4272'; 4302'-40'-43'-46'-82'-86'; 4403'-08'-12'-16'-74'; 4508'-12'-16'-73'-77'-95'-98'; 4602'-06'-10'-12'-17'-20'-30'-32'-34'-345'-48'-52'-54'-73'-74'-89'-92'-95'-98';

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
PC 2280'-2368'	800 gal. 15% HCl acid & Foam fra
w/59,000# 20/40;	31,000# 10/20 & 20,629 gal. 70
MV 4272'-4778'	2500 gal. 15% HCl acid & SWF w/
100,000# 20/40;	55,000# 10/20 & 155,000 gal. H ₂ O

33. Date First Production
Not connected

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flow

Well Status (Prod. or Shut-in)
Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-8-83 both zones	3	0.75" CN	→	0 Tr. cond.	PC 96 MV 481	0	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
PC 50 psig	251 psig	→	0	767 AOF 3083	-		
MV 296 psig	Under packer		Tr.	3848 AOF 5149	-		

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vent on test - to be sold

Test Witnessed By B. Heller
Calc. by J. Heller

5. List of Attachments

Blue Jet Bond Logs & C-122's Potentail Test & Packer Leakage Test Other logs mailed by Gearhart

6. 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 John M. Heller
John M. Heller

TITLE Consultant

DATE July 13, 1983

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 reopened 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

Anhy _____ T. Canyon _____
 Salt _____ T. Strawn _____
 Salt _____ T. Atoka _____
 Yates _____ T. Miss _____
 7 Rivers _____ T. Devonian _____
 Queen _____ T. Silurian _____
 Crayburg _____ T. Montoya _____
 San Andres _____ T. Simpson _____
 Glorieta _____ T. McKee _____
 Paddock _____ T. Ellenburger _____
 Blinberry _____ T. Gr. Wash _____
 Tubb _____ T. Granite _____
 Drinkard _____ T. Delaware Sand _____
 Abo _____ T. Bone Springs _____
 Wolfcamp _____ T. _____
 Penn. _____ T. _____
 Cisco (Bough C) _____ T. _____

Northwestern New Mexico

Ojo Alamo 836 T. Penn. "B" _____
 Kirtland-Fruitland 942 T. Penn. "C" _____
 Pictured Cliffs 2268 T. Penn. "D" _____
 Cliff House 3814 T. Leadville _____
 Menefee 3899 T. Madison _____
 Point Lookout 4594 T. Elbert _____
 Mancos 4867 T. McCracken _____
 Gallup _____ T. Ignacio Qtzite _____
 Base Greenhorn _____ T. Granite _____
 Dakota _____ T. _____
 Morrison _____ T. _____
 Todilto _____ T. _____
 Entrada _____ T. _____
 Wingate _____ T. _____
 Chinle _____ T. _____
 Permian _____ T. _____
 Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

1, from PC 2268 to 2450 No. 4, from _____ to _____
 2, from MV 3814 to 4867 No. 5, from _____ to _____
 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. None tested

1, from _____ to _____ feet
 2, from _____ to _____ feet
 3, from _____ to _____ feet
 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
17	836	119	Animas				
36	942	106	Ojo Alamo				Recement & squeeze jobs to get sufficient bond. - Lost circ. on initial cement job.
42	1956	1014	Kirtland				
56	2268	326	Fruitland	Perf. @ 775-76'			Recement w/125 sx. (223 cft.)
68	2450	182	Pictured Cliffs sand	" "			Squeeze w/50 sx.
50	3119	669	Lewis shale	Perf. @ 4460 & 4230			Cement under retainer w/150 sx.
19	3814	695	Chacra & upper Mesaverde	Perf. @ 2391 & 2255			Cement under retainer w/75 sx.
14	3899	85	Cliff House	Perf. @ 1400 to cover			Ojo Alamo w/225 sx.
99	4594	695	Menefee	Re-Squeeze @ 1400 w/75 sx.			
94	4867	273	Point Lookout	Re-Squeeze @ 2255 w/31 sx.			
67	5010	TD	Mancos shale	Re-Squeeze @ 2391 w/29 sx.			
				Tested to 2000 psi. before attempting completion work			
				Top of cement is above 250' in surface casing.			