

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with State Requirements)*

At surface 890' From South and 990' From West

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. U. S. GEOLOGICAL SURVEY

RECEIVED
OCT 11 1982
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03381

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "B"

9. WELL NO.

172 E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7 26N 6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 7-17-82 16. DATE T.D. REACHED 8-5-82 17. DATE COMPL. (Ready to prod.) 10-21-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6496 GR 19. ELEV. CASINGHEAD 6496

20. TOTAL DEPTH, MD & TVD 7444 21. PLUG BACK T.D., MD & TVD 7400 22. IF MULTIPLE COMPL., HOW MANY* (2) Two 23. INTERVALS DRILLED BY → 0-7444 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4472 to 5208 Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN Repeater Formation Tester Log, Computer Processed Log Induction Spherically Focused, Compensated Neutron Formation Density Log 27. WAS WELL CORED No

28. Gas Spectrum Log CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.40#	277'	13 3/4"	250 sacks (412.5 Cu Ft)	None
5 1/2"	15.5 & 17#	7444'	7 7/8"	1300 Sacks (2004 Cu Ft)	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16"	530'	5528'
					2 1/16"	5355'	

31. PERFORATION RECORD (Interval, size and number)							32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1 .42 dia at each of the following points							DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5208	5124	5046	4914	4668	4484		5208-5016	60,000# 20-40 Sand and 1415 bbls.
5196	5108	5016	4866	4636	4480			20# Gel Fluid
5152	5100	5000	4694	4582	4476		4472-5000	60,000# 20-40 Sand and 1193 bbls.
5148	5096	4958	4680	4552	4472			20# Gel Fluid

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-28-82		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-28-82	3 Hrs.	3/4	→		122		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
57	464	→		977			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Gas to be sold to Gas Company of New Mexico (Condensate to Shell Oil Co.)

35. LIST OF ATTACHMENTS

Complete cementing records

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Charles Vergara

TITLE

Superintendent

DATE 11-1-82

NOV 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCT

FARMINGTON
OCT 28 1982

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS				
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP		
				DEPTH	DEGREES	MEAS. DEPTH	TRUE VERT. DEPTH	
Alamo Pictured Cliffs Mesa Verde Dakota	2020	2248	Water Sand Gas Sand Gas Sand Gas Sand	Hole Deviation Test	Depth 275 1195 1772 2300 2536 3004 3503 4001 4518	Degrees 1/4 1/2 1/2 2 2 1/2 2 2 1 3/4 1 3/4	Depth 4691 5126 5633 6161 6378 6875 7275 7444 7454	Degrees 1/4 1/2 1/2 1/2 1 1 1/4 1 1 1/4 1 1/4
	2790	2864						
	4472	5216						
	7085	7300						
				Alamo	2020	2020	2020	
				Pictured Cliffs	2790	2790	2790	
				Mesa Verde	4472	4472	4472	
				Dakota	7085	7085	7085	

Ran 5 1/2" Production Casing as follows:

7444 to 5402	(2042)	5 1/2"	17#	ST&C
5402 to 3238	(2164)	5 1/2"	15.5#	ST&C
3238 to Surface	(3238)	5 1/2"	17#	LT&C

Stage tools set at 5402 and 3238.

Cemented first stage thru shoe with 250 Sacks (412.5 cu ft) Class "B" 50 50 Poz, 6% Gel, 12 1/2# Kolite per sack followed by 100 sacks (118 cu ft) Neat. Plug down 4:25 AM 8/6/82.

Cemented second stage thru stage tool set at 5443' with 250 sacks(412.5 cu ft) Class "B" 50 50 Poz, 6% Gel, 12 1/2# Kolite per sack followed by 100 sacks (118 cu ft) Neat cement. Plug down 5:45 AM 8/6/82.

Cemented third stage thru stage tool set at 3238' with 500 sacks (825 cu ft) Class "B" 50 50 Poz, 6% Gel, 12 1/2# Kolite per sack followed by 100 sacks (118 cu ft) Neat cement. Plug down 7:20 AM 8/6/82.

Cement circulated above stage tools and to surface.

Cement Baskets set at 5443' and 3322'.

Centralizers set at following: 7399, 7354, 7312, 7271, 7226, 7180, 7134, 7091, 7046, 7010, 6964, 6920, 6878, 6830, 6788, 6744, 5486, 5359, 5318, 5276, 5234, 5195, 3366 and 3198.