

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NO 03381

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "B"

9. WELL NO.

172

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 7 26 N 6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

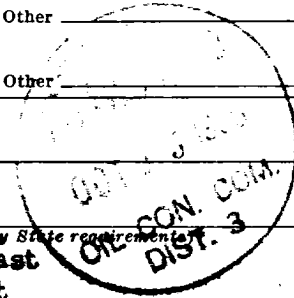
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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 any State requirements)
At surface **1580' from South and 960' from East**
Section 7 26 North 6 West
At top prod. interval reported below **Same**
At total depth **Same**



14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED **7-28-69** 16. DATE T.D. REACHED **8-15-69** 17. DATE COMPL. (Ready to prod.) **8-24-69** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **6412 DF** 19. ELEV. CASINGHEAD **6400**

20. TOTAL DEPTH, MD & TVD **7350** 21. PLUG, BACK T.D., MD & TVD **7320** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY ROTARY TOOLS **0 to 7350** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **7032 to 7244 Dakota** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Schlumberger Induction Electric** 27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.30	270	13 3/4"	200 sacks	None
4 1/2"	10.5 & 11.6	7350	7 7/8"	750 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7050	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number	Interval	Size	Number
7240-44	16 holes	16	7168-72	16 holes	16
7224-28	16	16	7152-56	16	16
7210-16	24	24	7134-46	48	48
7194-7202	32	32	7032-52	80	80
7184-90	24				
7175-78	12				

All holes .52 dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7168-7244	60,000# 40-60 sand & 65,800 gals.
7134-7156	60,000# 40-60 sand & 65,800 water
7032-7052	30,000# 40-60 sand & 30,000# 20-40 sand and 65,800 gals. water

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-16-69	Flow	Shut in.					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-16-69	3	3/4"	→		650		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
345	925	→		5884			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Vented during test** TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

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

SIGNED Charles Deque TITLE **Superintendent** DATE **10-13-69**

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

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 38, 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.)

Record of cementing 4 1/2" casing:
 Thru shoe at 7350' with 150 sacks 12% gel cement followed by 100 sacks latex cement.
 Thru stage collar at 5159' with 400 sacks 12% gel cement followed by 100 sacks neat cement. All cement except latex contained 12% Calceonite per sack.
 Used Reto scratchers 6928 to 7328. Centralizers at 7330, 7237, 7143, 7051, 6959, 5127 and 5190

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

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		TRUE VERT. DEPTH
	MEAS. DEPTH	NAME	MEAS. DEPTH	NAME		MEAS. DEPTH	NAME	
Pictured Cliff	2708	2730'	Gas Sand			Pictured Cliff	2708	2708
Mesa Verde	4405	5144	Gas Sand			Cliff House	4405	4405
Graneros	7006	7058	Gas Sand			Point Lookout	4982	4982
Dakota	7132	7276	Gas Sand			Graneros	7006	7006
						Dakota	7132	7132
						Horri-son	7312	7312
Hole Deviation Tests (Degrees)								
Depth	Degrees							
270	1							
740	1							
1250	1 3/4							
1680	1 3/4							
1955	2							
2730	2							
3250	1							
3740	1 3/4							
4821	1							
4880	1 1/2							
5163	1							
5698	1 1/4							
6101	3/4							
6380	1							
6772	2 1/4							
7060	1 3/4							
7331	1 1/4							