

**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.

SF-079035-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech A

9. WELL NO.

175E

10. FIELD AND POOL, OR WILDCAT Otero

Chacra & Blanco Mesa Verde

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

Section 8 26N 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. REVR. ☒ 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 660' F/N & 1980' F/E

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-17-53

16. DATE T.D. REACHED

7-27-80

17. DATE COMPL. (Ready to prod.)

10-13-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6482 GR

19. ELEV. CASINGHEAD

6482

20. TOTAL DEPTH, MD & TVD

7400

21. PLUG, BACK T.D., MD & TVD

7400

22. IF MULTIPLE COMPL., HOW MANY*

two

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7400

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3776 - 3848 Chacra

4567 - 5286

Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

E S Induction

27. WAS WELL CORRED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.50	499.5	15"	200	None
7"	23	6620	8 3/4"	950	None
4 1/2"	11.6	7400	6 1/4"	275	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	6490	7400			1 1/4"	5340	5389

31. PERFORATION RECORD (Interval, size and number)

1 .42" dia. hole at following points:
5286, 5270, 5228, 5191, 5159, 5144, 5068,
5008, 4991, 4976, 4932, 4570, 4567, 3848,
3847, 3846, 3776

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3776 - 5286	90,000# 20-40 sand and 1168 barrels water

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-20-80		Flow				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-20-80	3	3/4"	→		188		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
97	909	→		1503			

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

Vented

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 E. Vergara

TITLE

Superintendent

DATE

10-11-80

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

FARMINGTON DISTRICT

BY

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 attachment. **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.)

TD 7400' Cemented 4 1/2" 11.6# liner with 275 sacks cement. Plug down 2:30 PM 7-27-80

Cemented 7" casing thru perforations at 5206' with 225 sacks cement. Cemented thru perforations at 3906'

with 425 sacks 50-50 Poz, 4% Gel followed by 100 sacks cement. Plug down 9:00 AM 9-7-80

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Graneros	7126	7193	Gas Sand	Graneros	7126	7126
Dakota	7258	7376	Gas Sand	Dakota	7258	7258
Hole Deviation Test		(Degrees)				
7103		1 3/4				
7368		2				

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Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-079035-A			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Caulkins Oil Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P.O. Box 780 Farmington, New Mexico				8. FARM OR LEASE NAME Breech A			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' F/N & 1980' F/E				9. WELL NO. 175E			
At top prod. interval reported below Same				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
At total depth Same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 8 26N 6W			
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico		
15. DATE SPUDDED 3-17-53	16. DATE T.D. REACHED 7-27-80	17. DATE COMPL. (Ready to prod.) 10-13-80	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6482 GR	19. ELEV. CASINGHEAD 6482			
20. TOTAL DEPTH, MD & TVD 7400	21. PLUG, BACK T.D., MD & TVD 7400	22. IF MULTIPLE COMPL., HOW MANY* two	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	25. WAS DIRECTIONAL SURVEY MADE NO			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7130 - 7356 Dakota			27. WAS WELL CORED NO				
26. TYPE ELECTRIC AND OTHER LOGS RUN E S Induction							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
10 3/4"	40.50	499.5	15"	200	None		
7"	23	6620	8 3/4"	950	None		
4 1/2"	11.6	7400	6 1/4"	275	None		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	6490	7400	275		2 3/8"	7322	5389
31. PERFORATION RECORD (Interval, size and number) 1 .42" dia. hole at following points: 7344, 7356, 7316, 7300, 7276, 7269, 7262, 7204, 7182, 7174, 7168, 7136, 7130				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				7344 - 7356	48,400# 20-40 sand and 1200 barrels water		
				7130 - 7316	60,000# 20-40 sand and 1690 barrels water		
33.* PRODUCTION							
DATE FIRST PRODUCTION 10-20-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 10-20-80	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 363	WATER—BBL. →	GAS-OIL RATIO
FLOW. TUBING PRESS. 193	CASING PRESSURE PKR	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 2903	WATER—BBL. →	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						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 <u>Charles E. Vergue</u>				TITLE <u>Superintendent</u>		DATE <u>11-3-80</u>	
						DISTRICT	

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

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with 425 sacks 50-50 Poz, 4% Gel followed by 100 sacks cement. Plug down 9:00 AM 9-7-80

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
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	NAME	MEAS. DEPTH
Graneros	7126	7193	Graneros	7126
Dakota	7258	7376	Dakota	7258
Hole Deviation Test		(Degrees)		
7103		1 3/4		
7368		2		