

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved
Budget Bureau No. 42 RVG-55

5. LEASE DESIGNATION AND SERIAL NO.

NM 03551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech E

9. WELL NO.

68E

10. FIELD AND POOL, OR WILDCAT Otero
Chacra & Blanco Mesa Verde

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

Section 4 26 N 6 W

12. COUNTY OR
PARISH Rio Arriba
13. STATE New Mexico

15. ELEV. CASINGHEAD

6470

25. WAS DIRECTIONAL
SURVEY MADE

No

No

27. WAS WELL CORED

28. AMOUNT PULLED
None
None
None

29. TUBING RECORD

30. SIZE DEPTH SET (MD) PACKER SET (MD)

1 1/4 5318 5337

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5050 to 5310 60,000# 20-40 sand and

918 barrels water

3816 to 3948 40,000# 20-40 sand and

798 barrels water

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

8-25-80 Flowing Shut In

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

8-25-80 3 3/4" 133

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. VENT OR GRAVES (CORR.)

63 841 1062

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

Vented

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 TITLE Superintendent DATE 10-13-80

*(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 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 33.

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.)

TD 7392' Cemented 4 1/2" 11.6# liner, 6470 to 7392 with 225 sacks Neat cement. Plug down 8:30 AM 7-17-80
Ran 4 1/2" Drillable Bridge Plug to 6740'. Perforated 2 holes at 5285' and 2 holes at 3947'. Ran 7" Packer and established circulation between perforations and to surface thru Bradenhead. Ran cement retainer to 5190'. Cemented 7" casing 5285' to 3947' with 225 sacks Neat cement. Ran cement retainer to 3885'. Cemented 7" casing 3947' to surface with 425 sacks 50-50 Poz, 4% Gel followed by 100 sacks Neat. Plug down 4:00 PM 8-9-80

37. SUMMARY OF POROSITY 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2912	2956	Gas Sand	Pictured Cliffs	2912	2912
Chacra	3814	3905	Gas Sand	Chacra	3814	3814
Mesa Verde	4583	5320	Gas Sand	Mesa Verde	4583	4583
Graneros	7140	7216	Gas Sand	Graneros	7140	7140
Dakota	7277	7377	Gas Sand	Dakota	7277	7277
Hole Deviation Test (Degrees)						
6682		3 1/4				
6932		1 1/4				
7179		2				
7198		3/4				

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8. FARM OR LEASE NAME

Breech E

9. WELL NO.

68E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 4 26 North 6 West

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 1980' F/S and 660' F/W

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 5-6-53 16. DATE T.D. REACHED 7-16-80 17. DATE COMPL. (Ready to prod.) 8-25-80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6482 DF 19. ELEV. CASINGHEAD 6470

20. TOTAL DEPTH, MD & TVD 7392 21. PLUG, BACK T.D., MD & TVD 7392 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY → 0-7392 ROTARY TOOLS CABLE TOOLS

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

7139 to 7376 (Dakota)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

E S Induction

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
10 3/4"	23.75	445	15"	75	None
7"	23	6641	8 3/4"	950	None
4 1/2"	11.6	6470 - 7392	6 1/8"	225	None
2 3/8"		7270			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	6470	7392	225		2 3/8"	7270	5337

31. PERFORATION RECORD (Interval, size and number)

7154	.42	1	7299	.42	1
7164	.42	1	7338	.42	1
7174	.42	1	7346	.42	1
7284	.42	1	7360	.42	1
7288	.42	1	7366	.42	1

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7154 - 7366	180,000# 20-40 sand and 2554 barrels water

33.* PRODUCTION

DATE FIRST PRODUCTION 8-25-80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut In

DATE OF TEST 8-25-80 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD → OIL—BBL. GAS—MCF. 459 WATER—BBL. GAS—MCF. 459

FLOW. TUBING PRESS. 247 CASING PRESSURE PKR CALCULATED 24-HOUR RATE → OIL—BBL. GAS—MCF. 3668 WATER—BBL. OIL GRAVITY-API (CORR.) OCT 14 1980

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

Vented

TEST WITNESSED BY

FARMINGTON DISTRICT

35. LIST OF ATTACHMENTS

BY

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

SIGNED

TITLE

Superintendent

DATE 10-13-80

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