

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 any State or Federal requirements)

At surface 858' From the South and 927' From the East

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03553

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech D

9. WELL NO.

685E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Section 11 26N 6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED

6-07-82

16. DATE T.D. REACHED

6-26-82

17. DATE COMPL. (Ready to prod.)

8-3-82

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

6529 GR

19. ELEV. CASINGHEAD

6529 GR

20. TOTAL DEPTH, MD & TVD

7500

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

7500

22. IF MULTIPLE COMPL., HOW MANY*

Two

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 -7500

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

5430-5090

Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES-Gamma

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#	318	13 3/4"	250 Sacks (290 cuft)	None
5 1/2"	17 & 15.5#	7500	7 7/8"	1300 Sacks (2004 cuft)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	5477'	5504

31. PERFORATION RECORD (Interval, size and number)

1 .42 dia 5430	1 .42 dia 5350
1 .42 dia 5407	1 .42 dia 5325
1 .42 dia 5385	1 .42 dia 5214
1 .42 dia 5383	1 .42 dia 5209
1 .42 dia 5371	1 .42 dia 5203

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5430-5090	80,000# 20-40 sand and 1487 bbls. 20# Gel Fluid.

33.* 1 .42 dia 5090 PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/10/82		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-10-82	3 Hours	3/4"	→		151		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
73	568	→		1204			

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

TEST WITNESSED BY

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

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

Charles E. Vequer

TITLE

Superintendent

DATE

8/27/82

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

NM000

FARMINGTON
RV 1-302

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.

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. For each additional interval to be separately produced, showing the additional quantities of cement used, particularly for each interval, to pack, cement, or seal the well.

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.)

23. Submit a separate completion report on this form for each interval to be separated. (See instruction on page 1 of the form.)

TD / 500'.	Ran 3 1/2" 11813.3 StcC and LtCC casing at 7500 and cemented as follows: first stage cement plug down 100 yards (118 on ft.) Next cement plug down 100 yards (118 on ft.)
TD / 500'.	Ran 3 1/2" 11813.3 StcC and LtCC casing at 7500 and cemented as follows: first stage cement plug down 100 yards (118 on ft.) Next cement plug down 100 yards (118 on ft.)

(412.50 cu ft) 50-50 Poz, 6% Gel 12 1/2# Gilsonite per sack followed by 100 sacks (118 cu ft) Neat Cement. Plug down

9.45 PM Second stage thru set at 5450' with 250 sacks (412.50 cu ft) 50-50 Poz. 6% Gel, 12 1/2# Gilsonite per cu ft) 50-50 Poz. 6% Gel, 12 1/2# Gilsonite per cu ft)

[illegible]

sack followed by 100 sacks (118 cu ft) Neat Cement. Plug down 10:30 PM. Third stage thru stage tool set at 3440' with

[illegible]

500 sacks (825 cu ft) 50-50 Poz, 6% Gel, 12 1/2# Gilsollite per sack followed by 400 sacks (410 cu ft) neat cement.

~~Plug down 12:25 AM. 6-27-82~~

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.	TOP	
				NAME	MEAS. DEPTH
Alamo	2369	2553	Water Sand	Alamo	2369
Pictured Cliffs	3023	3086	Gas Sand	Pictured Cliffs	3023
Mesa Verde	4690	5426	Gas Sand	Mesa Verde	4690
Dakota	7210	7446	Gas Sand	Dakota	7210
Above are open hole log measurements.					
				Hole Deviation Test	
				Depth	Degrees
				329	1/2
				829	1
				1331	1
				1400	1
				1900	1
				2406	1
				2569	3/4
				3069	3/4
				3425	1
				3942	1/2

Ran 5 1/2" Production Casing as follows:

7500 to 6471	(1029)	5 1/2"	17#	ST&C
6471 to 867	(5604)	5 1/2"	15.5#	ST&C
867 to Surface	(867)	5 1/2"	17#	LT&C

Stage Tools set at 5450' and 3440'.

Cemented first stage thru shoe at 7500' with 250 sacks (412.5 cu ft) 50 50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 cu ft) Neat. Plug down 8:45 PM 6/26/82.

Cemented second stage thru stage tool set at 5450' with 250 sacks (412.5 cu ft) 50 50 Poz, 6% Gel 12 1/2# Gilsonite per sack, followed by 100 sacks (118 cu ft) Neat. Plug down 10:30 PM 6/26/82.

Cemented third stage thru stage tool set at 3440' with 500 sacks (825 cu ft) Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 cu ft) Neat. Plug down 12:25 AM 6/27/82.

Note: Cement Circulated above both tools and to surface. Circulated approx 15 bbls. slurry to surface.

Cement Baskets at 5535' and 3514'.

Centralizers set at following: 7459, 7418, 7377, 7337, 7297, 7256, 7215, 7174, 7134, 7093, 7052, 7014, 6973, 6932, 6887, 6846, 6811, 6770, 5579, 5409, 5328, 5286, 3595 and 3391.