

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03733

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech

9. WELL NO.

314

10. FIELD AND POOL, OR WILDCAT

Otero Chacra

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

Section 18 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. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 340, Bloomfield, New Mexico

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

At surface 900' from the South and 790' from the East

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-19-77

16. DATE T.D. REACHED

6-27-77

17. DATE COMPL. (Ready to prod.)

8-12-77

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

6739 Gr.

19. ELEV. CASINGHEAD

6741

20. TOTAL DEPTH, MD & TVD

4054

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

4054

22. IF MULTIPLE COMPL.,
HOW MANY*

Two

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0-4054

CABLE TOOLS

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

3890 to 3997 Chacra

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
8 5/8"	24 [#]	149	12 1/4	150	None
4 1/2"	10.5 [#]	4054	7 7/8	715	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4	3910	3066

31. PERFORATION RECORD (Interval, size and number)

One .32 Dia hole at each point
3891, 3896, 3904, 3913, 3921, 3956
3966, 3987, 3995

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3890-3897	Fractured with 50,000 [#] 20-40 sand and 1466 bbls. Water.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-19-77		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-19-77	3 Hrs.	3/4	→		67		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
26	Pkr.	→		538			

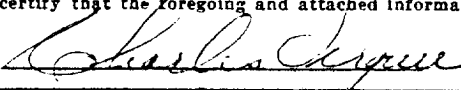
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

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

U. S. GEOLOGICAL SURVEY

DURANGO, COLO.

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

RECEIVED

AUG 29 1977

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.)

New 4 1/2" 10.5# H-40 casing ran to 4054' and cemented with 425 sacks 65-35-12 Gel cement followed by 290 sacks Neat. Plug down 9:45 PM 6-27-77.
Cement circulated to surface.

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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo Pictured Cliffs Chacra	2432 2999 3890	2475 3050 3997	Water Sand Gas Sand Gas Sand	Alamo Pictured Cliffs Chacra	2432 2999 3890	2432 2999 3890
Hole Deviation Test (Degrees)			1 1/2 3 3/4 1 1/2 3 3/4 3 3/4 1 3/4 1 3/4 2 1 3/4			
	149 650 1149 1644 2168 2520 3028 3506 4035					