

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.

NM 03553

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "D"

9. WELL NO.

346

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec 22 26N 6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N Mex.

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 900' from the North and 900' from the East

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-21-78

16. DATE T.D. REACHED

4-11-78

17. DATE COMPL. (Ready to prod.)

7-7-78

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

6689 Gr

19. ELEV. CASINGHEAD

6689

20. TOTAL DEPTH, MD & TVD

7620

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

7620

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-7620

CABLE TOOLS

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

7264 to 7603

26. TYPE ELECTRIC AND OTHER LOGS RUN

ES Induction

25. WAS DIRECTIONAL SURVEY MADE

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"	36#	249'	13 3/4"	200 sacks	none
5 1/2"	17#	0-980	7 7/8"		
5 1/2"	15 1/2#	980-6588	7 7/8"		
5 1/2"	17#	6588-7620	7 7/8"	1460 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"	7480'	

31. PERFORATION RECORD (Interval, size and number)

7449 7500 7603 7402 to 7424
7456 7520 22 holes-.42 dia
7474 7528 11 holes 7264 to 7294
7488 7534 .32 dia 30 holes-.42 dia
7495 7566

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7449-7603	70,000# 20/40 sand, 1976 bbls
7402-7424	30,000# 20/40 sand, 996 bbls
7264-7294	140,000# 20/40 sand, 3380 bbls

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-15-78		Flow				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-15-78	3 hrs	3/4"	→		215		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
110#	620#	→		1727		RECEIVED	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

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 data.

SIGNED

Dwayne Blance

TITLE

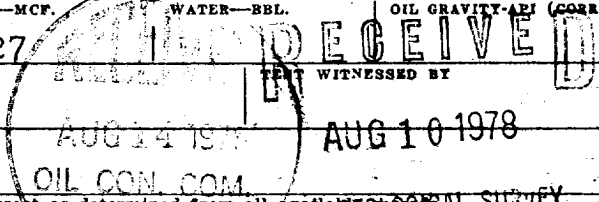
Prod. Foreman

DURANGO, COLO.

DATE

7-28-78

*(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 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.)

Ran 5 1/2" casing
0 to 980'-17# LT&C
980 to 6588'-15 1/2# LT&C
6588 to 7620'-17# ST&C
 Cemented thru shoe with 190 sacks 50/50 poz, 6% Gel, 12 1/2# Gils per sack followed by 140 sks latex. Thru stage tool at 5565 with 220 sacks 50/50 poz 6% Gel, 12 1/2# Gils per sack followed by 140 sks Neat. 3rd stage thru tool at 3217 with 590 sks 50/50 poz, 6% Gel, 12 1/2# per sk followed by 180 sks Neat. Used Roto-scratchers-7600 to 7250, 5565 to 5200, 3200 to 2980. Centralizers on every joint bottom 300' and joint above and below both stage collars.

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
Pictured Cliffs	3050	3090	Gas Sand	Pictured Cliffs	3050
Chacra	3930	3954	Gas Sand	Chacra	3930
les Verde	4712	5502	Gas Sand	Cliff House	4712
graneros	7174	7250	Gas Sand	Point Lookout	5040
akota	7374	7616	Gas Sand	Graneros	7174
				Dakota	7374
Hole Deviation Test (Degrees)					
264	3/4				
2344	1				
2702	1				
3056	1				
3638	1 1/2				
4004	3/4				
4507	3/4				
5510	1				
5739	1				
6262	1				
6767	1				
7250	3/4				
7620	1				

38. GEOLOGIC MARKERS