Form 9-330
(Rev. 5-63)

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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.: 229-M

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 17 26 North 6 West

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

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: 1220' From North & 890' From East
At top prod. interval reported below: Same
At total depth: Same

14. PERMIT NO.: DATE ISSUED:

RECEIVED
SEP 15 1983
FARMINGTON RESOURCE AREA

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6-10-83	6-24-83	8 3-83	6754 GR	6754

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7610	7610	(2) Two	→	0-7610	No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 7342' - 7516' Dakota

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray Neutron & Gas Spectrum Logs

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# H-40	421'	12 1/4"	300 sacks(354 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7610'	7 5/8"	1300 sacks(2004 Cu.Ft.)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	7426'	5566'

31. PERFORATION RECORD (*Interval, size and number*)

1-.42-7342
1-.42-7352
1-.42-7358
1-.42-7436
1-.42-7440
1-.42-7444
1-.42-7448
1-.42-7503
1-.42-7508
1-.42-7512
1-.42-7516

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7342 - 7516	150,000# 20-40 Sand and 2628 bbls. Cross Link Fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8-10-83	Flowing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-10-83	3 Hours	3/4			211		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
107	PKR			1,685		

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Gas to be sold to Gas Co. of New Mexico(Condensate to Shell Oil Co.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Complete cement records

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 Morgan TITLE Superintendent DATE SEP 12 1983

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

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO
BY SMM

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.)

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.
Alamo	2346	2550	Water Sand
Pictured Cliffs	2987	3087	Gas Sand
Mesa Verde	4900	5476	Gas Sand
Dakota	7300	7522	Gas Sand

Hole Deviations Test

Depth	Degrees
421	1/2
915	1/2
1424	1/2
1939	3/4
2728	1
3146	3/4
3683	1/2
4029	1
4556	1
5047	1 1/4
5434	1
6100	1
6559	1
7108	1 1/2

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2346	2346
Pictured Cliffs	2987	2987
Mesa Verde	4900	4900
Dakota	7300	7300

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Ran 5 1/2" Production Casing as follows:

7610' to 6587'	(1023')	New 5 1/2"	17#	ST&C	K-55 Smls. Casing
6587' to 1034'	(5553')	New 5 1/2"	15.5#	LT&C	K-55 Smls. Casing
1034' to Surface	(1034')	New 5 1/2"	17#	LT&C	K-55 Smls. Casing

Stage Tools run in Casing string at 5549' and 3477'.

Cement Baskets run on Casing string at 5633' and 3562'.

24 Centralizers run on Casing string at following points:
7568',7529',7486',7443',7408',7366',7323',7280',7238',7197',7154',7111',7069',7035',5591',
5508',5468',5427',5385',5346',5303',5262',3519' and 3438'.

Cemented 5 1/2" Casing in 3 Stages.

First Stage thru shoe at 7610' with 412.50 Cu.Ft. (250 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks) Neat Cement.
Plug down first stage 1:10 PM 6-25-83.

Second Stage cemented thru Stage Tool set at 5549' with 412.50 Cu.Ft. (250 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks) Neat Cement.
Plug down second stage 2:15 PM 6-25-83

Thrid Stage thru Stage Tool set at 3477' with 825 Cu.Ft. (500 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks Neat Cement.
Plug down 3:35 PM 6-25-83.

Cement circulated on all three stages.

Approx 2 bbls. slurry on first stage.
Approx 1 bbls. slurry on second stage.
Approx 5 bbls. slurry on third stage.