

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 requirements) At surface 1043' From South & 983' From West At top prod. interval reported below Same At total depth Same																											
14. PERMIT NO. _____ DATE ISSUED _____ BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA																											
5. LEASE DESIGNATION AND SERIAL NO. NM 03547																											
6. IF INDIAN, ALLOTTEE OR TRIBE NAME																											
7. UNIT AGREEMENT NAME																											
8. FARM OR LEASE NAME Breech "F"																											
9. WELL NO. 1-E																											
10. FIELD AND POOL, OR WILDCAT Basin Dakota																											
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33, 28-N, 6-W																											
12. COUNTY OR PARISH Rio Arriba																											
13. STATE New Mexico																											
15. DATE SPUDDED 7-10-83																											
16. DATE T.D. REACHED 7-29-83																											
17. DATE COMPL. (Ready to prod.) 8-15-83																											
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6643 GR																											
19. ELEV. CASINGHEAD 6643 7687'																											
20. TOTAL DEPTH, MD & TVD 7687'																											
21. PLUG, BACK T.D., MD & TVD 7687'																											
22. IF MULTIPLE COMPL., HOW MANY* (2) Two																											
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7687																											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7359' to 7657' (Dakota)																											
25. WAS DIRECTIONAL SURVEY MADE No																											
26. TYPE ELECTRIC AND OTHER LOGS RUN IES Gamma Log																											
27. WAS WELL CORED No																											
28. CASING RECORD (Report all strings set in well)																											
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas to be sold to Gas Company of New Mexico (Condensate to Shell Oil Company)																											
35. TEST WITNESSED BY																											
36. LIST OF ATTACHMENTS Complete Cementing Records																											
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <u>Charles E. Vespene</u> TITLE <u>Superintendent</u> DATE <u>NOV 10 1983</u>																											

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

FARMINGTON RESOURCE AREA

BY Sm

NMOCC

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				38 GEOLOGIC MARKERS			
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				TOU			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
Alamo	2270	2598	Water Sand	Alamo	2270	2270	
Pictured Cliffs	3096	3194	Gas Sand	Pictured Cliffs	3096	3096	
Mesa Verde	4816	5498	Gas Sand	Mesa Verde	4816	4816	
Tocito	6880	6900	Oil Sand	Tocito	6880	6880	
Dakota	7348	7674	Gas Sand	Dakota	7348	7348	
Hole Deviation Tests Degrees Depth 1/4 6725 Degrees 1 1/4 1/2 7223 1 1/4 1 1/2 3/4 1 1/4 1 1 2 1/4 2 1/4 1 1/4 1 1/2 1 1/2 1 1 1 1/4							
Depth 408 978 1461 1851 2366 2886 3211 3610 4111 4536 5052 5233 5717 6214							

1-E

Run 5 1/2" Production Casing as follows:

7687' to 6320'	(1367')	New 5 1/2"	17#	LT&C	K-55 Smls Casing
6320' to 1583'	(4737')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
1583' to Surface	(1583')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in Casing string at 5600' and 3578'.

Cement Baskets run on Casing string at 3960' and 5755'.

24 Centralizers run on Casing string at following points:

7646', 7601', 7561', 7521', 7481', 7437', 7397', 7353', 7312', 7271', 7230', 7189', 7147', 7106', 5679', 5601', 5562', 5521', 5480', 5440', 5401', 5361', 3655' and 3576'.

Cemented 5 1/2" Casing in 3 stages.

First Stage thru shoe at 7687' 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 11:42 PM 7-29-83.

Second Stage cemented thru Stage Tool set at 5600' with 412.52 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 1:07 AM 7-30-83.

Third Stage cemented thru Stage Tool set at 3578' 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 third Stage 2:51 AM 7-30-83.

Cement circulated on all three Stages.

Approx 2 bbls. slurry on first Stage.
Approx 1 bbl. slurry on second Stage.
Approx 5 bbls. slurry on third Stage.