

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 *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 03553	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Caulkins Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 780 Farmington, New Mexico				8. FARM OR LEASE NAME Breech "D"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' From North & 1800 From West At top prod. interval reported below Same At total depth Same				9. WELL NO. 341-M	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUNDED 6-26-83				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 21 26 North 6 West	
16. DATE T.D. REACHED 7-8-83				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 8-23-83				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6675 GR				19. ELEV. CASINGHEAD 6675	
20. TOTAL DEPTH, MD & TVD 7440'		21. PLUG, BACK T.D., MD & TVD 7440'		22. IF MULTIPLE COMPL., HOW MANY* (2) Two	
23. INTERVALS DRILLED BY 0-7440				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7242' to 7411' Dakota	
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN ES Gamma Ray Log	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		36# H-40		410'	
5 1/2"		15.5 & 17#		7440'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
1 1/2"		7330'		5402'	
31. PERFORATION RECORD (Interval, size and number)					
1-.42-7411		1-.42-7354		1-.42-7242	
1-.42-7409		1-.42-7350			
1-.42-7406		1-.42-7344			
1-.42-7386		1-.42-7260			
1-.42-7358		1-.42-7250			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7411 - 7242		100,000# 20-40 sand and			
		2862 bbls. Cross Link Fluid			
33. PRODUCTION					
DATE FIRST PRODUCTION 8-30-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 8-30-83		HOURS TESTED 3 Hours		CHOKE SIZE 3/4"	
FLOW. TUBING PRESS. 101		CASING PRESSURE PKR		CALCULATED 24-HOUR RATE	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas is to be sold to Gas Company of New Mexico (Condensate to Shell Oil Co.)					
35. LIST OF ATTACHMENTS Complete cementing Records					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
SIGNED <i>Charles Vergara</i>		TITLED Superintendent		DATE 8-22-83	

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

OIL CON. DIV.
NMCC
DIST. 3FARMINGTON RECORDS
FARMINGTON, NEW MEXICO
BY *Sm*

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						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2230	2458	Water Sand	Alamo	2230	2230
Pictured Cliffs	2990	3050	Gas Sand	Pictured Cliffs	2990	2990
Mesa Verde	4617	5368	Gas Sand	Mesa Verde	4617	4617
Dakota	7235	7418	Gas Sand	Dakota	7235	7235
			Hole Deviation Test			
			Depth			
			418	Degrees		
			920	1/2		
			1434	1/2		
			1964	1/2		
			2529	1/2		
			3021	3/4		
			3513	1		
			4000	1/2		
			4515	3/4		
			5026	3/4		
			5512	1		
			6012	1		
			6515	1		
			7027	1 1/4		
			7147	1 1/2		
			7440	1 1/2		

341-M

Ran 5 1/2" Production Casing as follows:

7440' to 5445'	(1995')	New 5 1/2"	17#	ST&C	K-55 Smls Casing
5445' to 3370'	(2075')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
3370' to 1000'	(2370')	New 5 1/2"	17#	ST&C	K-55 Smls Casing
1000' to Surface	(1000')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in Casing string at 5445' and 3370'.

Cement Baskets run in Casing string at 5571' and 3498'.

24 Centralizers run on Casing string at following points:

7403', 7366', 7329', 7293', 7258', 7221', 7186', 7151', 7115', 7077', 7043', 7005', 6968', 6927', 5528', 5402', 5361', 5318', 5278', 5237', 5195', 5156', 3457' and 3327'.

Cemented 5 1/2" Casing in three stages.

First Stage thru shoe at 7440' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 6:15 PM 7-9-83.

Second Stage cemented thru Stage Tool set at 5445' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 7:30 PM 7-9-83

Third Stage cemented thru Stage Tool set at 3370' with 500 sacks (825 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 9:30 PM 7-9-83.

Cemented circulated on all three stages.

Approx 5 bbls. slurry on first stage.
Approx 2 bbls. slurry on second stage.
Approx 20 bbls. slurry on third stage.

RECEIVED

SEP 13 1983

OIL CON. DIV.
DIST. 3