

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						Breech	
Caulkins Oil Company						WELL NO.	
3. ADDRESS OF OPERATOR						307-M	
P.O. Box 780 Farmington, New Mexico						10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)						South Blanco Pictured Cliffs	
At surface 1120' From South & 1520' From East						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At top prod. interval reported below Same						Section 13, 26 North, 7 West	
At total depth Same						12. COUNTY OR PARISH	
14. PERMIT NO.						13. STATE	
DATE ISSUED						Rio Arriba New Mexico	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		
7-30-83	8-9-83	9-21-83	6146 GR		6888'		
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		
6888'	6888'	(4) Four	→	0-6888	No		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
2281' to 2362' (Pictured Cliffs)						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Gamma Ray Neutron Log						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	610'	12 1/4"	500 sacks (590 Cu.Ft.)		None	
5 1/2"	15.5 & 17#	6888'	7 7/8"	1400 sacks (2122 Cu.Ft.)		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	3300'	3337'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1-.42-2281	1-.42-2302	1-.42-2362	DEPTH INTERVAL (MD)				
1-.42-2286	1-.42-2321		2281' to 2362'				
1-.42-2292	1-.42-2342		AMOUNT AND KIND OF MATERIAL USED				
1-.42-2295	1-.42-2346		750,000# 20-40 sand and 1451 bbls. Gel Fluid				
1-.42-2298	1-.42-2352						
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-28-83		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-28-83	3 Hours	3/4"	→		249		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
63	564	→		1,999			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Gas 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 Dargatzis</i>				TITLE Superintendent		DATE OCT 20 5 1983	

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

FARMINGTON RESOURCE AREA

NM000

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.

in not used prior to the time uns summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and pressure tests, and directional surveys, 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. Consult local State requirements.

Items 22 and 24: If this wall is completed for concrete, indicate the concrete measurements given in other spaces on this form and in any attachments.

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 27: "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				38. GEOLOGIC MARKERS				
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo Pictured Cliffs Chacra Mesa Verde Dakota	1510	1798		Water Sand		Alamo	1510	1510
	2274	2372		Gas Sand		Pictured Cliffs	2274	2274
	3224	3326		Gas Sand		Chacra	3224	3224
	4204	4765		Gas Sand		Mesa Verde	4204	4204
	6642	6830		Gas Sand		Dakota	6642	6642
				Hole Deviation Test				
				Depth	Degrees			
				615	2			
				1104	2 1/2			
				1618	2 3/4			
				2427	2 3/4			
				2887	2 1/2			
				3295	2			
				3784	2			
				4290	1 1/2			
				4803	2			
				5228	1 3/4			
				5725	1 3/4			
				6231	1 1/2			

307-M

Ran 5 1/2" Production Casing as follows:

6888' to 127'	(6541')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
127' to Surface	(127')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in Casing string at 4812' and 3378'.

Cement Baskets run in Casing string at 4944' and 3393'.

Centralizers run on Casing string at following points:

6847', 6806', 6764', 6722', 6681', 6640', 6598', 6556', 6514', 6473', 6431', 6390', 6349', 6307', 4851', 4771', 4733', 4697', 4656', 3418', 3338', 3297', 2425', 2387', 2345' and 2305'.

Cemented 5 1/2" Casing in 3 Stages.

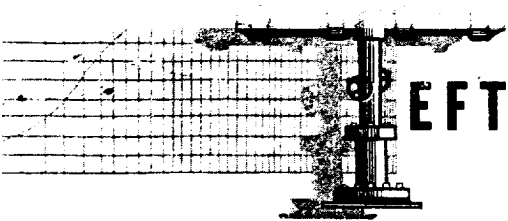
First Stage thru shoe at 6888' with 250 sacks (412.5 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 10:45 PM 8-9-83.

Second Stage cemented thru Stage Tool set at 4812' with 150 sacks (247.5 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat cement.
Plug down 11:45 PM 8-9-83.

Third Stage cemented thru Stage Tool set at 3378' with 600 sacks (990 Cu.Ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 200 sacks (236 Cu.Ft.) Neat Cement.
Plug down 1:30 AM 8-10-83.

Circulated approx 5 bbl. slurry from both first and second stages.

Circulated no cement from third stage. Cement top 925' Temperature Survey attached.



TEFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO
GRAND JUNCTION, COLORADO

P. O. Box 5247
Midland, Texas 79704
(915) 682-5574

August 16, 1983

Caulkins Oil Company
Box 340
Bloomfield, New Mexico 87413

Attention: Mr. Charles Verquer

Subject: Temperature Survey
307-M Breech
Rio Arriba County, New Mexico
Our File No. 2-13799-TS

Gentlemen:

Attached hereto are the results of a temperature survey which was conducted on the above captioned well August 10, 1983.

The data presented are in graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

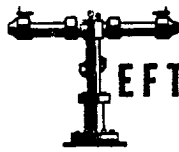
Respectfully submitted,

TEFTELLER, INC.

G. W. Taylor
Operations Manager

GWT/ar

Serving the Permian Basin & Rocky Mountain Area



LEFFELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

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File 2-13799-TS

TEMPERATURE SURVEY LOG

