

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

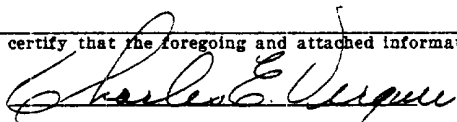
(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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. RESER. ☐	Other ☐
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 "F"	
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						9. WELL NO. 1-E	
14. PERMIT NO.						DATE ISSUED	
10. FIELD AND POOL, OR WILDCAT S. Blanco Blanco Tocito Ext						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33 27N 6W	
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.) 10-24-83	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6643 Gr		19. ELEV. CASINGHEAD 7607 6643		
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	CABLE TOOLS No		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6886' to 6896' Tocito						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES 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)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9 5/8"	36# H-40	408'	12 1/4"	354 Cu.Ft. (300 Sacks)		None	
5 1/2"	15.5 & 17#	7687'	7 7/8"	2004 Cu. Ft. (1300 Sacks)		None	
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16"	6874'	6935'
31. PERFORATION RECORD (Interval, size and number) 6886' to 6896' (10') 40 holes .42 dia				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				6886' to 6896			
				AMOUNT AND KIND OF MATERIAL USED			
				48,000# 20-40 Sand and			
				523 bbls. water containing			
				976,000 SCF Nitrogen and			
				144 gallons foaming agent.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 8-29-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 11-1-83	HOURS TESTED 24 Hours	CHOKE SIZE 64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 13.39	GAS—MCF. 319	WATER—BBL. trace	GAS-OIL RATIO 23,385
FLOW. TUBING PRESS. 90	CASING PRESSURE 319	CALCULATED 24-HOUR RATE →	OIL—BBL. 13.39	GAS—MCF. 319	WATER—BBL.	OIL GRAVITY-API (CORR.) 48 Gravity	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas vented while testing—Oil to stock tank						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Superintendent

DATE

11-1-83

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

FARMINGTON RESOURCE AREA

BY

SMW

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, for 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.

shall not be 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.), formations, 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 23 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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
Alamo Pictured Cliffs Mesa Verde Tocito Dakota	2269	2600	Water Sand		
	3096	3194	Gas Sand		
	4816	5498	Gas Sand		
	6880	6898	Oil Sand		
	7350	7674	Gas Sand		
			Hole Deviation Tests		
			Depth	Degrees	Degrees
			408	1/4	1 1/4
			978	1/2	1 1/4
			1461	1/2	1 1/4
		1851	1 1/4	3/4	
		2366	1		
		2886	1		
		3211	2 1/4		
		3610	2 1/4		
		4111	1 1/4		
		4536	1 1/2		
		5052	1 1/2		
		5233	1		
		5717	1		

Ran 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.

RECEIVED
JUL 31 1983
OIL FIELD