

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

1715' F/S & 1825' F/W

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-22-81

16. DATE T.D. REACHED

6-06-81

17. DATE COMPL. (Ready to prod.)

7-17-81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6676' Gr.

19. ELEV. CASINGHEAD

6676'

20. TOTAL DEPTH, MD & TVD

7500'

21. PLUG, BACK T.D., MD & TVD

7500'

22. IF MULTIPLE COMPL.,

HOW MANY*

Two

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-7500

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Chacra

Mesa Verde

3940 - 3962

5286 - 5466

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Gamma Ray

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.30#	285	13 3/4"	250 Sacks	None
5 1/2"	17# & 15.5#	7500	7 7/8"	1316 Sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	5427	5615

31. PERFORATION RECORD (Interval, size and number)

5286	.42	1	5356	.42	1	5466	.42	1
5292	.42	1	5367	.42	1	3940 - 3962		
5308	.42	1	5396	.42	1	.42	2 holes	
5326	.42	1	5424	.42	1	per foot.		
5340	.42	1	5434	.42	1			

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3940 - 3962	60,000# 20-40 sand and
	1462 Bbls. slick water
5286 - 5466	100,000# 20-40 sand and
	1418 Bbls. 20# Gel Fluid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-24-81		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-24-81	3	3/4"	→		159		
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
78	630	→		1274			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

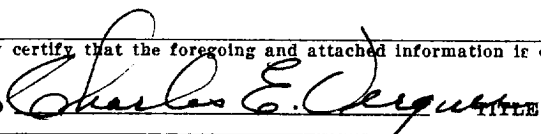
Vented

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 10 8/12/81

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

NMOCC

BY

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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.)

TD 7500' Ran 5 1/2" 17# & 15.5# LT&C & ST&C to 7500'. Cemented as follows: 1st stage thru shoe at 7500' with 208 sacks Class B cement, 50-50 Poz, 6% Gel & 12 1/2% Gilsonite per sack followed by 100 sacks latex. 2nd stage thru stage tool at 5520' with 300 sacks Class B cement, 50-50 Poz, 6% Gel & 12 1/2% Gilsonite per sack followed by 100 sacks Class B cement. 3rd stage thru stage tool at 2936' with 508 sacks Class B cement, 50-50 Poz, 6% Gel & 12 1/2% Gilsonite per sack followed by 100 sacks Class B cement. Plug down 9:30 PM 6-07-81

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									
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	TOP	
								MEAS. DEPTH	TRUE VERT. DEPTH
Alamo		2498		2600	Water	Sand	Alamo	2498	2600
Pictured Cliffs		3034		3095	Gas	Sand	Pictured Cliffs	3034	3095
Chacra		3922		4038	Gas	Sand	Chacra	3922	4038
Mesa Verde		4705		5495	Gas	Sand	Mesa Verde	4705	5495
Dakota		7248		7496	Gas	Sand	Dakota	7248	7496
Hole Deviation Test									
Depth	Degree		Depth		Degree				
285	3/4		6358		1				
975	1		6858		1				
1445	3/4		7200		1 1/4				
2000	1								
2695	1								
3070	1								
3517	3/4								
4000	1								
4518	1								
5147	1								
5327	1								
5825	1								