

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.

5. LEASE DESIGNATION AND SERIAL NO.

SE 079304

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sanchez

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 25 26N 6W

12. COUNTY OR
PARISH

Rio Arriba New Mexico

19. ELEV. CASINGHEAD

6628

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL
SURVEY MADE

No

27. WAS WELL CORED

No

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

JUL 29 1982

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 890' From the South and 990' From the West

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED

5-03-82

16. DATE T.D. REACHED

5-19-82

17. DATE COMPL. (Ready to prod.)

7-8-82

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

6628 GR

20. TOTAL DEPTH, MD & TVD

7489

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

7489

22. IF MULTIPLE COMPL.
HOW MANY

Two

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

7159-7410

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Log and Induction Log

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"	32.30#	320	13 3/4"	250 sacks 295 ft ³	None
5 1/2"	17#-15.5#	7489	7 7/8"	1400 sacks 2122 ft ³	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16"	7342	5539

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

1-.42 dia. 7159 1-.42 dia. 7298 1-.42 dia. 7376
1-.42 dia. 7166 1-.42 dia. 7304 1-.42 dia. 7396
1-.42 dia. 7174 1-.42 dia. 7308 1-.42 dia. 7410
1-.42 dia. 7180 1-.42 dia. 7338
1-.42 dia. 7283 1-.42 dia. 7345
1-.42 dia. 7292 1-.42 dia. 7368

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7159-7410	185,000# 20-40 Sand and 2604 bbls. Cross Link fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-15-82		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-15-82	3 hours	3/4	→		398		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1653	PKR	→		3186			

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

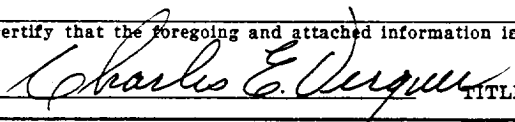
Vented

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

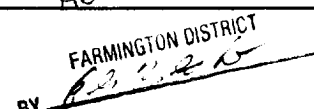
Superintendent

DATE

JUL 29 1982

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

NMOCC

ACCEPTED FOR RECORD
FARMINGTON DISTRICT
BY 

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, 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 7489 Ran 5 1/2" 17&15.5# ST&C and LT&C Casing at 7489 and cemented as follows. Frist stage thru shoe at 7489' with 250 sacks 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks Neat. Second stage thru stage tool at 5363' with 250 sacks 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks Neat. Plug down 1:35 PM. Third stage cemented 2951 to surface with 500 sacks 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks Neat. Plug down 12:20 PM 7-2-82.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Alamo Pictured Cliffs Chacra Mesa Verde Gallup Greenhorn Dakota	2274	2482	Water	Alamo	2274
	2901	2980	Gas	Pictured Cliffs	2901
	3702	3840	Gas	Chacra	3702
	4576	5334	Gas	Mesa Verde	4576
	6300	6850	Gas	Gallup	6300
	7060	7120	Gas	Greenhorn	7060
Dakota	7150	7460	Gas	Dakota	7150
				Hole Deviation Test	
				Depth	Degrees
				307	1
				851	1
				1261	1
				1818	1
				2504	1 1/4
				3031	1 1/4
				3196	1 1/4
				3677	1 1/2
				4175	1 1/2
				5281	1
				5698	1
				6186	1
				6695	1
				7195	3/4
				7489	1
				TRUE VERT. DEPTH	
				2274	2274
				2901	2901
				3702	3702
				4576	4576
				6300	6300
				7060	7060
				7150	7150

Ran 5 1/2" Production Casing as follows:

7489 to 6479 (1010)	5 1/2"	17#	ST&C	K-55
6479 to 901 (5578)	5 1/2"	15.5#	ST&C	K-55
901 to 0 (901)	5 1/2"	17#	LT&C	K-55

Stage Collars set at 5363' and 3263'.

Cemented first stage thru shoe at 7489' 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. Plug down 12:06 PM 5-19-82. (Cement-Circulated above tool at 5363').

Cemented second stage thru tool at 5363' 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. Plug down 1:35 PM 5-19-82.

Cemented third stage as follows:
Perforated 1 hole each at 3090 and 3091.
Attempted to circulated from perforations to surface with no success. Squeezed perforations with 100 sacks (118 Cu ft.) Neat Cement.
Plug down 3:52 PM 7-1-82.

Temperature survey run 8:00 AM 7-2-82, showed top of cement at 2960'. Perforated 1 hole at 2950 and 1 hole at 2951'. Established Circulation 2950 to surface thru Braden Head Valve, then cemented with 500 sacks (825 Cu ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu ft.) Neat. Good Circulation throughout job.

Cement Circulated to surface.

Cement Baskets set at 5530' and 3426'.

Centralizers set at following: 7446, 7364, 7279, 7195, 7110, 7026, 6942, 6856, 6773, 6688, 6605, 6522, 5405, 5322, 5242, 5200, 5760, 5118, 5076, 5035, 3305, 3223, 3140 and 3055.