

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Caulkins Oil Company Address Box 780, Farmington, N. Mex.
 Lessor or Tract Breech "C" Field Basin-Dakota State New Mexico
 Well No. D-248 Sec. 13 T. 26N R. 6W Meridian NMPM County Rio Arriba
 Location 1140 ft. N. of N. Line and 900 ft. E. of E Line of Sec. 13-26-6 Elevation 6532
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Frank Bray

Date January 2, 1964

Title Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-7-, 19 63 Finished drilling 9-24-, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6713 to 6736 9 No. 4, from _____ to _____
No. 2, from 7220 to 7460 9 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	252	200	Dowell	10.5#/gal	Circulated
4-1/2"	7482	650	Dowell	9.5#/gal	Circulated

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----, 19-**64**
January 2

Put to producing -----, 19-**63**
November 26

The production for the first 24 hours was 268 barrels of fluid of which 98.9% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 43

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

-----, Driller

M. A. Williams

-----, Driller

E. W. Early, Jr.

H. P. Boyd, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	65	65	Sand
65	1097	1032	Sand & Shale
1097	1808	711	Sand
1808	4741	2933	Sand & Shale
4741	4847	106	Shale
4847	5121	274	Sand & Shale
5121	7058	1937	Shale
7058	7482	424	Sand & Shale

[OVER]

15-00000-12004-1

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION			
Formation Tops						
Pictured Cliffs		3001				
Cliff House		4682				
Menefee		4720				
Point Lookout		5333				
Tocito		6713				
Dakota		7220				
Perforating Record						
7220	7230	2 jets per foot				
7242	7260	2 jets per foot				
7350	7366	4 jets per foot				
7434	7452	4 jets per foot				
6730	6736	4 jets per foot				
Fracture Record						
Date		10-24-63	10-24-63	10-24-63	11-8-63	
Perforations		7434-52	7350-66	7220-60	6730-36	
Zone		Dakota	Dakota	Dakota	Tocito	
Gal. Water		42,840	46,200	62,538	25,200*	
40-60 Sand		40,000#	40,000#	40,000#	-0-	
20-40 Sand		-0-	5,000#	20,000#	20,000#	
BDP		2800	3600	3100	3100	
TP		3950-4250	3100-3800	3000-4000	3100-4000	
Inf. Rate		30 BPM	41 BPM		23 BPM	
LSDP		2200	2400		2650	
Flush Gal.		6000	6000	4536	4746	
Chemicals		75# J-100	J-100	J-100	500# Adomite	
Equipment		5 Allison	5 Allison	5 Allison	5 Allison	
Service Co.		Dowell	Dowell	Dowell	Dowell	
					*011	

HISTORY OF OIL OR GAS WELL

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

11-6-63 Dakota Zone Potential Test

Shut in 45 hours

CP 2261

TP 2261

3 hr. flow volume 5663 MCFFD

CAOF 6614 MCFFD

11-7-63 Set Baker Magnesium Bridge Plug at 7170.

11-8-63 After fracturing Tocito, run 2-3/7" OD EUE 8 R 4.7#

J-55 Tubing to 6709 (232 jts)

12-6-63 Flowed 265 BO and 3 BW in 24 hours thru 2" tubing CP 980.

OIL OR GAS RATION OR IN USE

EXPROPRIATE ENERGY

DEPARTMENT OF THE INTERIOR

MINERAL SERVICE

1. FIVE OF APPROX. 100,000

2. FIVE OF APPROX. 100,000

3. FIVE OF APPROX. 100,000

4. FIVE OF APPROX. 100,000

5. FIVE OF APPROX. 100,000