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OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Santa Fe
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 RECEIVED
 TO PROSPECT
 DEC 15 1959
 U. S. GEOLOGICAL SURVEY
 ALAMOGORDO, NEW MEXICO

LOCATE WELL CORRECTLY

Company ~~Western Natural Gas Company~~ Address 211¹/₂ West Main
Lessor or Tract C. A. Keeling-Federal Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 25N R. 8W Meridian NMPM County San Juan
Location 990 ft. NX of N. Line and 1750 ft. WX of E. Line of Section 20 Elevation 6515 G.L.

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 Arthur M. Hayes
Date 12-14-59 Title Petroleum Engineer

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

Commenced drilling 10-8, 1959 Finished drilling 11-1, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6354 to 6366 No. 4, from _____ to _____
No. 2, from 6540 to 6570 G. 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.30	8	H-40	201	Guide				Surface Production
5-1/2	15.5	17	J-55N-80	6681	Auto Float Collar & Guide Shoe	6354	6366		
						6540	6570		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	201	150 sx w/2% CaCl ₂	Pump & Plug	- - -	- - -
5-1/2	6681	250 sx neat w/4% gel	Pump & Plug	- - -	- - -
		& 175 sx neat on btm			

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 0 feet to 6681 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

----- 11-5 -----, 19 59 Put to producing ----- 12-11 -----, 19 59

The production for the first 24 hours was 107 barrels of fluid of which 98.4% was oil; ---% emulsion; 1.5% water; and 0.1% sediment. Gravity, °Bé. 30.1° API

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 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1952	1952	Shale and sand
1952	2052	100	Sand and coal
2052	2802	750	Shale and sand
2802	3553	751	Sand w/shale stringers
3553	4500	947	Sand and shale stringers
4500	5434	934	Shale w/sandy shale stringers
5434	5730	296	Sand w/shale stringers
5730	6272	542	Shale w/sand & shaley sand stringers
6272	6324	52	Limestone and limey sand
6324	6681	357	Sand w/shale and sandy shale stringers
Atlantic	1348	1st Dakota	6428
Fractured Cliffs	1952	2nd Dakota	6508
Marl Shale	2052	3rd Dakota	6576
Lawverde (Menefee)	2803	4th Dakota	6634
Cliff House	3553	Est. Morrison	6690
Lookout	4320		
Locos	4500		
Clay (Niobrara)	5434		
Clay (Gallup)	5552		
Clay (Sullivan)	5612		
Clay (Nelson)	5710		
Wastee	5942		
Wilsie	6044		
Penhorn	6272		