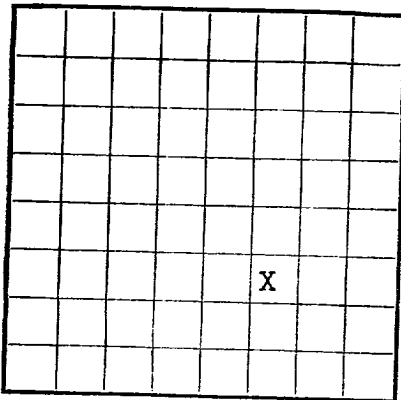
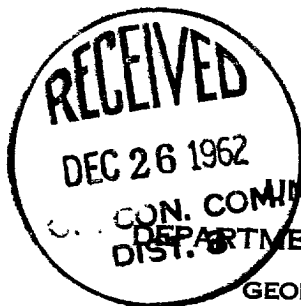




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078197
LEASE OR PERMIT TO PROSPECTU. S. GOVERNMENT PRINTING OFFICE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Nye Field Basin Dakota State New Mexico
Well No. 4-1 Sec. 4 T. 29-N R. 10-W Meridian N.M.P.M. County San Juan
Location 1,750 ft. [S.] of S. Line and 1,750 ft. [W.] of Line of Sec. 4 Elevation 5,869
(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 [Signature] Title Beeson Neal, Agent in Farmington

Date December 19, 1962

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

Commenced drilling October 7, 1962, 19 Finished drilling Nov. 30, 1962, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6,776 to 6,930 ("G") No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, 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	
8-5/8	24	4	API	101.2	API	Surface to 6,930			Production
4-1/2	13.3	4	API	6.8	API	6,930 to 6,930			Production
2-3/8	6.2	4	API	1.5	API	6,930 to 6,930			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	293	200			
4-1/2	6,930	505 (3 stages)			

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
11/29/62	Fractured	stage 1: 25,000# 20-40 sand, 25,000 gal. water. (6814'-6876')				
		Stage 2: 60,000# 20-40 sand / 60,000 gal. water. (6738'-6768')				

TOOLS USED

Rotary tools were used from Surface feet to 6,930 feet, and from feet to feet
Cable tools were used from for completion feet to feet, and from feet to feet
Shut in to await tests:

DATES

December 1, 1962, 19 Put to producing December 13, 1962, 19

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

If gas well, cu. ft. per 24 hours 1,937 MCF/D. (A of) Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2,156

EMPLOYEES

Great Western Drilling Co., Driller
Driller
Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
Surface	775	775	Gray-white to coarse sand and gray shale.
775	2,270	1,495	(Kirtland) - Gray shale and gray white sand.
2,270	3,855	1,585	(Lewis Shale) - Gray with thin tight shaly sand.
3,855	6,670	2,815	(Mesa Verde) - White to gray sand, fine to medium, porous to tight w/gray shale.
6,670	6,930 (TD)	260	(Dakota) - Gray fine to medium sand and gray shale.

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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

Completed drilling _____, 19____
Nov. 30, 1962

OIL OR GAS SANDS OR ZONES

(Denois das pa G)

No. 1, from	to	(1000) 1000	No. 4, from	to
No. 2, from	to		No. 5, from	to
No. 3, from	to		No. 6, from	to

IMPORTANT WATER SANDS

No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Amount of mud used	Mud gravity	Method used	Number sacks of cement	77 ft and 84 ft	Other
			COB (septa) 205	225 052	175 175

PLUGS AND ADAPTERS

Depth set	Length	Weight	Material
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
120/60	recovered	stage 1:	22,000% 20-40 sand, 22,000 gal. water.			
		stage 2:	22,000% 20-40 sand & 22,000 gal. water.			

TOOLS USED

DATE		TEST	
1	10/10/50	1	10/10/50
2	10/10/50	2	10/10/50
3	10/10/50	3	10/10/50
4	10/10/50	4	10/10/50
5	10/10/50	5	10/10/50
6	10/10/50	6	10/10/50
7	10/10/50	7	10/10/50
8	10/10/50	8	10/10/50
9	10/10/50	9	10/10/50
10	10/10/50	10	10/10/50

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/78	10/1/78	100.00	100	100	100
10/2/78	10/2/78	100.00	100	100	100
10/3/78	10/3/78	100.00	100	100	100
10/4/78	10/4/78	100.00	100	100	100
10/5/78	10/5/78	100.00	100	100	100
10/6/78	10/6/78	100.00	100	100	100
10/7/78	10/7/78	100.00	100	100	100
10/8/78	10/8/78	100.00	100	100	100
10/9/78	10/9/78	100.00	100	100	100
10/10/78	10/10/78	100.00	100	100	100
10/11/78	10/11/78	100.00	100	100	100
10/12/78	10/12/78	100.00	100	100	100
10/13/78	10/13/78	100.00	100	100	100
10/14/78	10/14/78	100.00	100	100	100
10/15/78	10/15/78	100.00	100	100	100
10/16/78	10/16/78	100.00	100	100	100
10/17/78	10/17/78	100.00	100	100	100
10/18/78	10/18/78	100.00	100	100	100
10/19/78	10/19/78	100.00	100	100	100
10/20/78	10/20/78	100.00	100	100	100
10/21/78	10/21/78	100.00	100	100	100
10/22/78	10/22/78	100.00	100	100	100
10/23/78	10/23/78	100.00	100	100	100
10/24/78	10/24/78	100.00	100	100	100
10/25/78	10/25/78	100.00	100	100	100
10/26/78	10/26/78	100.00	100	100	100
10/27/78	10/27/78	100.00	100	100	100
10/28/78	10/28/78	100.00	100	100	100
10/29/78	10/29/78	100.00	100	100	100
10/30/78	10/30/78	100.00	100	100	100
10/31/78	10/31/78	100.00	100	100	100
11/1/78	11/1/78	100.00	100	100	100
11/2/78	11/2/78	100.00	100	100	100
11/3/78	11/3/78	100.00	100	100	100
11/4/78	11/4/78	100.00	100	100	100
11/5/78	11/5/78	100.00	100	100	100
11/6/78	11/6/78	100.00	100	100	100
11/7/78	11/7/78	100.00	100	100	100
11/8/78	11/8/78	100.00	100	100	100
11/9/78	11/9/78	100.00	100	100	100
11/10/78	11/10/78	100.00	100	100	100
11/11/78	11/11/78	100.00	100	100	100
11/12/78	11/12/78	100.00	100	100	100
11/13/78	11/13/78	100.00	100	100	100
11/14/78	11/14/78	100.00	100	100	100
11/15/78	11/15/78	100.00	100	100	100
11/16/78	11/16/78	100.00	100	100	100
11/17/78	11/17/78	100.00	100	100	100
11/18/78	11/18/78	100.00	100	100	100
11/19/78	11/19/78	100.00	100	100	100
11/20/78	11/20/78	100.00	100	100	100
11/21/78	11/21/78	100.00	100	100	100
11/22/78	11/22/78	100.00	100	100	100
11/23/78	11/23/78	100.00	100	100	100
11/24/78	11/24/78	100.00	100	100	100</

The production for the first 24 hours was _____ of water; and _____ Put to producing December 13, 1900, 10	barrels of fluid of which _____ % was oil; _____%
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Rock pressure, lbs. per sq. in.	2,150
If gas well, cu. ft. per 24 hours	1,000,000
Gallons gasoline per 1,000 cu. ft. of gas	
Gravity, °Be.	

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Gray-white to coarse sand and gray shale.	500	500	face
(Kintland) - Gray shale and gray white sand.	1,100	1,600	500
(Lower Shale) - Gray with thin light sandy sand.	1,500	3,100	1,600
(Lower Verde) - White to gray sand, fine to medium, porous to tight w/gray shale.	2,000	5,100	3,100
(Tahote) - Gray fine to medium sand and gray shale.	500	5,600 (top)	5,100

FORMATION RECORD—Continued

12-00000-01