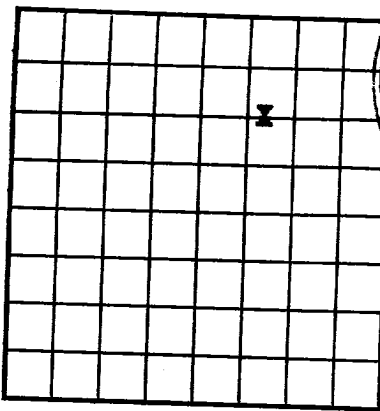
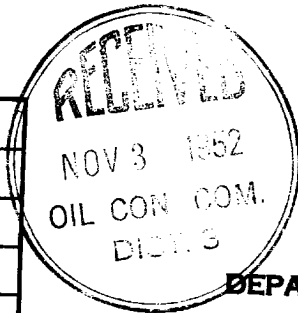




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER I-Res. 844
LEASE OR PERMIT TO PROSPECT 078828UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Benson and Montin Address 315 1/2 West Main Street, Farmington,
Lessor on Gallegos Canyon Unit Field West Kuts State New Mexico N.M.
Well No. 16 Sec. 27 T. 28N R. 10W Meridian 10N County San Juan
Location 1/2 mi. S. of Line and 1/2 mi. E. of Line of Section 27 Elevation 5729 KBThe information given here is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Date 9/26/52 Title Albert R. Greer
The summary on this page is for the condition of the well at above date.Commenced drilling 8/11/52 Finished drilling 9/3/52OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 8/11/52 to 8/11/52 No. 4, from _____ to _____
No. 2, from 8/11/52 to 8/11/52 No. 5, from _____ to _____
No. 3, from 8/11/52 to 8/11/52 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 8/11/52 to 8/11/52 No. 3, from _____ to _____
No. 2, from 8/11/52 to 8/11/52 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—	
<u>8 5/8</u>	<u>26.55</u>	<u>4.75</u>	<u>Union</u>	<u>100</u>	<u>Open</u>	<u>Surface</u>			<u>Surface</u>
<u>5 1/2</u>	<u>23.1</u>	<u>4.75</u>	<u>Union</u>	<u>100</u>	<u>Open</u>	<u>Production</u>			<u>Production</u>
<u>5 1/2</u>	<u>23.1</u>	<u>4.75</u>	<u>Union</u>	<u>100</u>	<u>Open</u>	<u>Production</u>			<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>836</u>	<u>187 sacks plus 165</u>	<u>C.F. stratocrete plus 4% gel (Pump and Plug)</u>		
<u>5 1/2</u>	<u>1498</u>	<u>93 sacks</u>	<u>Pump and plug.</u>		

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
<u>4"</u>		<u>Liquid NG</u>	<u>110 qts</u>	<u>9/3/52</u>	<u>1513'-58'</u>	<u>1558'</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1558' feet, and from _____ feet to _____ feet

DATES

9/19/52 9-9, 19____ Put to producing _____, 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 2,265,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 451 psig (Shut in 10 days)

EMPLOYEES

L. G. Stearns, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>	<u>50</u>	<u>Surface sand</u>
<u>50</u>	<u>300</u>	<u>250</u>	<u>Sand and shale</u>
<u>250</u>	<u>400</u>	<u>150</u>	<u>Sand and shaly sand</u>
<u>400</u>	<u>800</u>	<u>400</u>	<u>Sand and Sandy Shale</u>
<u>800</u>	<u>1481</u>	<u>681</u>	<u>Shale and Sandy shale</u>
<u>1481</u>	<u>1492</u>	<u>11</u>	<u>Coal</u>
<u>1492</u>	<u>1558</u>	<u>66</u>	<u>Pictured Cliffs Sand</u>

See drilling history re: Sand at 573'.

5727
1492
5727

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

DATE	TIME	LOCATION	DEPTH	REMARKS
5/12/52		Location Surveyed.		
7/15/52		Location cleared and roads constructed.		
8/1/52		Notice of intention to drill approved by USGS.		
8/3/52		Waiting on cable tools.		
8/5/52		Moving in cable tools.		
8/11/52		Spudded.		
8/16/52		Measured 200 MCF plus 17 gal. oil and water per hour from sand at 565' to 570'. 2' from		
8/17/52		TD 573'. 10 hour test at 573'.		
		Gas decreased to 50 MCF/day.		
		Measured 17 gal water/hour.		
		Measured 1 gal oil/hour.		
8/19/52		Cemented 8 1/2' casing at 636'; circulated cement to surface.		
8/23/52		Commenced drilling at 1792' for 72 hours.		
8/29/52		TD 1798'. Top of Pictured Cliffs Sand at 1792'. Core from 1781'-92'.		
		Made 2 bbls water per hour. Saved sample of water to be sent to USGS Laboratory for analysis.		
8/30/52		TD 1798'. Cemented 6 1/2' casing at 1798' with 93 sacks neat cement.		
8/1/52		TD 1798'. Last cemented and cement record of the well and all work done thereon.		
9/3/52		TD 1798'. Measured 61 MCF natural gas.		
9/6/52		TD 1558'. Shot with 110 lbs. TNT 1558' to 1571'.		
9/19/52		TD 1558'. Cleaned out to 1558'. Ran 1" tubing to 1534'.		

Drilling History of G. C. U. # 16

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 "tracked" 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 pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDLOGGING AND CEMENTING RECORD			
Well No.	Location	Date	Time
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100