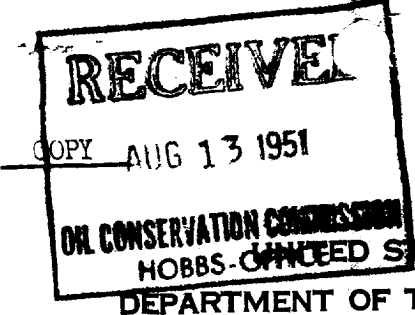
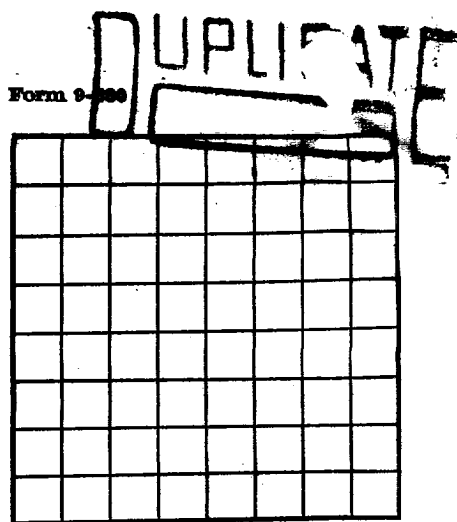




Budget Bureau No. 42-R355.1.
Approval expires 11-30-46.
U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029512
LEASE OR PERMIT TO PROSPECT
Jewett-McDonald

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company Cities Service Oil Address Bartlesville, Oklahoma
Lessor or Tract Jewett-McDonald Field North Lynch State New Mexico
Well No. A-2 Sec. 19 T. 20 R. 34 Meridian NMPM County Lea
Location 660 ft. {N.} of N. Line and 1980 ft. {E.} of E. Line of Section 19 Elevation 3638'
(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 /s/ D. D. Bodie
Title Division Superintendent

Date September 21, 1944
The summary on this page is for the condition of the well at above date.

Commenced drilling July 20, 1944 Finished drilling September 20, 1944

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from to 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 775 to 795 No. 3, from to
No. 2, from 3647 to 3655 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#	9	E.W.	1561'	Tex. Pat.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1561'	100	Pumped		5 Ton

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 0 feet to 3655 feet, and from feet to feet

DATES

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 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

R. G. Thomas, Driller C. C. Edwards, Driller
Pat. Cronley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	75'	75	Caliche
75	125	50	Shale
125	150	25	Gray sandy shale
150	170	20	Red shale
170	210	40	Red rock
210	570	360	Red shale
570	615	45	Red bed
615	640	25	Red shale
640	675	35	Sandy shale Sandy shale
675	685	10	Lime
685	725	40	Red bed
725	760	35	Red shale
760	775	15	Red bed
775	777	2	Lime
777	844	67	Sand
844	850	6	Red shale
850	865	15	Lime
865	940	75	Red shale
940	1000	60	Sand
1000	1275	275	Red shale
1275	1460	185	Red rock
1460	3160	1700	Anhydrite
3160	33190	1590	Salt
33190	33220	30	Anhydrite
33220	3450	230	Lime
3450	3472	22	Lime and shale (show oil)

Approval expires 11-30-44.
Budget Bureau No. 42-R33

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER _____
U. S. LAND OFFICE _____
APR 19-1968

GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 HOBBBS-UNITED STATES
 OBSERVATION STATION

LOG OF OIL OR GAS WELL

Commenced drilling _____, 19____
 The summary on this page is for the condition of the well at above date.
 _____, 19____
 Division Superintendent
 Signed _____
 Title _____
 Date _____
 Location _____ of _____ line and _____ of _____ line of _____ section 19 _____ Elevation _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____
 Lessor or Tract _____
 Company _____
 LOCATE WELL CORRECTLY

OIL OR GAS SANDS OR ZONES

No. 2, from	to	No. 4, from	to
No. 1, from	to	No. 3, from	to

IMPORTANT WATER SANDS

No. 3, from	to	No. 6, from	to
No. 2, from	to	No. 5, from	to
No. 1, from	to	No. 4, from	to

(Denote gas by G)

CASING RECORD

HISTORY OF OIL OR GAS WELL									
Casing size per foot	Threads per inch	Place	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose	Notes
						From—	To—		
									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 "mishocked" 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.

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Cash	Memo set	Number bags of cement	Method used	Aid given	Amount of food used
0-87	✓	ONE	Hand fed		N/A

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

If gas well, cu. ft. per 24 hours emulsion; % water; and % sediment	The production for the first 24 hours was barrels of fluid of which % was oil; Gravity, °Bé Gallons gasoline per 1,000 cu. ft. of gas	Put to producing 19
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EMPLOYEES

Driller	_____	_____	_____
Driller	_____	_____	_____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
34520	35150	630	Lime shale
35150	35300	150	Broken sand - 150' salt water
35300	36550	1250	Lime shale
36550	37800	1250	Lime shale
37800	38400	600	Lime shale
38400	39000	600	Lime shale
39000	39600	600	Lime shale
39600	40200	600	Lime shale
40200	40800	600	Lime shale
40800	41400	600	Lime shale
41400	42000	600	Lime shale
42000	42600	600	Lime shale
42600	43200	600	Lime shale
43200	43800	600	Lime shale
43800	44400	600	Lime shale
44400	45000	600	Lime shale
45000	45600	600	Lime shale
45600	46200	600	Lime shale
46200	46800	600	Lime shale
46800	47400	600	Lime shale
47400	48000	600	Lime shale
48000	48600	600	Lime shale
48600	49200	600	Lime shale
49200	49800	600	Lime shale
49800	50400	600	Lime shale
50400	51000	600	Lime shale
51000	51600	600	Lime shale
51600	52200	600	Lime shale
52200	52800	600	Lime shale
52800	53400	600	Lime shale
53400	54000	600	Lime shale
54000	54600	600	Lime shale
54600	55200	600	Lime shale
55200	55800	600	Lime shale
55800	56400	600	Lime shale
56400	57000	600	Lime shale
57000	57600	600	Lime shale
57600	58200	600	Lime shale
58200	58800	600	Lime shale
58800	59400	600	Lime shale
59400	60000	600	Lime shale
60000	60600	600	Lime shale
60600	61200	600	Lime shale
61200	61800	600	Lime shale
61800	62400	600	Lime shale
62400	63000	600	Lime shale
63000	63600	600	Lime shale
63600	64200	600	Lime shale
64200	64800	600	Lime shale
64800	65400	600	Lime shale
65400	66000	600	Lime shale
66000	66600	600	Lime shale
66600	67200	600	Lime shale
67200	67800	600	Lime shale
67800	68400	600	Lime shale
68400	69000	600	Lime shale
69000	69600	600	Lime shale
69600	70200	600	Lime shale
70200	70800	600	Lime shale
70800	71400	600	Lime shale
71400	72000	600	Lime shale
72000	72600	600	Lime shale
72600	73200	600	Lime shale
73200	73800	600	Lime shale
73800	74400	600	Lime shale
74400	75000	600	Lime shale
75000	75600	600	Lime shale
75600	76200	600	Lime shale
76200	76800	600	Lime shale
76800	77400	600	Lime shale
77400	78000	600	Lime shale
78000	78600	600	Lime shale
78600	79200	600	Lime shale
79200	79800	600	Lime shale
79800	80400	600	Lime shale
80400	81000	600	Lime shale
81000	81600	600	Lime shale
81600	82200	600	Lime shale
82200	82800	600	Lime shale
82800	83400	600	Lime shale
83400	84000	600	Lime shale
84000	84600	600	Lime shale
84600	85200	600	Lime shale
85200	85800	600	Lime shale
85800	86400	600	Lime shale
86400	87000	600	Lime shale
87000	87600	600	Lime shale
87600	88200	600	Lime shale
88200	88800	600	Lime shale
88800	89400	600	Lime shale
89400	90000	600	Lime shale
90000	90600	600	Lime shale
90600	91200	600	Lime shale
91200	91800	600	Lime shale
91800	92400	600	Lime shale
92400	93000	600	Lime shale
93000	93600	600	Lime shale
93600	94200	600	Lime shale
94200	94800	600	Lime shale
94800	95400	600	Lime shale
95400	96000	600	Lime shale
96000	96600	600	Lime shale
96600	97200	600	Lime shale
97200	97800	600	Lime shale
97800	98400	600	Lime shale
98400	99000	600	Lime shale
99000	99600	600	Lime shale
99600	100000	400	Lime shale