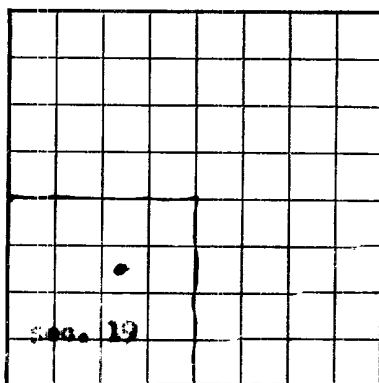
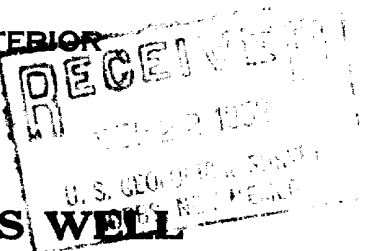


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 067706
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company One Star Producing Company Address 1915 Wood Street, Dallas, Texas
Lessor or Tract Federal-Warren-Davis Field Wildcat State New Mexico
Well No. 1 Sec. 19 T. 9-S R. 37-E Meridian N.M.P.M. County Las
Location 1980 ft. [N.] of 18. Line and 1980 ft. [E.] of East Line of Sec. 19 Elevation 4025
(Derrick floor relative to well)

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 Emory ReedDate September 15, 1952 Title District Production Foreman
The summary on this page is for the condition of the well at above date.Commenced drilling March 23, 1952 Finished drilling September 8, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Top to _____ No. 4, from San Andres 4115' to _____
No. 2, from Russeler 2200' to _____ No. 5, from Mississippi 11930' to _____
No. 3, from Salt 2330' to _____ No. 6, from Devonian 12351' to _____
No. 3, from Waters 2908' to _____

IMPORTANT WATER SANDS

No. 1, from 150' to 220' 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—	
13-3/8"	54	8 rd. thd.	JAL	106'	Guide	None	---	---	---
9-5/8"	36	8 rd. thd.	FEH	4382'	Guide	205'	1299'	4313'	Squeeze

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	106'	500 sacks	Pumped Plug	---	---
9-5/8"	4382'	2900 sacks	Pumped Plug	---	---

PLUGS AND ADAPTERS

Heaving plug—Material Cement Length --- Depth set See other side
Adapters—Material _____ Size _____

SHOOTING RECORD

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

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0' feet to 12,381' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Dry, 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

_____, Driller _____, Driller
O. D. Worthout, Driller Jack Warren, Driller
J. E. Fox, Driller Door Holter - Tool Pusher

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	101'	101'	Caliche and shale.
101'	218'	117'	Sand and shale.
218'	410'	192'	Shale and red bed.
410'	1160'	750'	Red bed.
1160'	1966'	806'	Shale red bed.
1966'	2265'	299'	Anhydrite, red bed, and gyp.
2265'	4145'	1880'	Red bed, salt, anhydrite, and gyp.
4145'	5008'	863'	Line and anhydrite with shale streaks. Oil and gas odor 4898' to 4905', no porosity. Oil and gas odor 4945' to 4965', no porosity. B.S.F. No. 1 from 4893' to 4972'. Length of test - 2 hours. Slight blow of air first hour tool was open, died. Flowing pressure initial 0' - final 15'. Thirty minute build up 95%. Recovered 50' gas cut mud, 100' oil and gas cut mud, 360' oil gas in drill pipe.
5008'	5381'	373'	Line and shale.
5381'	5395'	14'	Dolomite.
5395'	5407'	12'	Line.
5407'	5701'	302'	Line and gyp.
5701'	5935'	226'	Sandy lime. (Paint odor from 5620' to 5935'.)
5935'	6063'	128'	Line and shale.
6063'	6224'	161'	Line and salt.
6224'	6638'	414'	Line, shale, and salt.
6638'	6713'	75'	Line and shale.
6713'	6851'	138'	(over) line.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6858'	6970'	112'	Line and shale.
6970'	7030'	60'	Lime, shale, and anhydrite.
7030'	7237'	207'	Lime, shale, and anhydrite.
7237'	7314'	107'	Shale and anhydrite.
7314'	7418'	104'	Shale.
7418'	7470'	52'	Soft lime.
7470'	7620'	150'	Shale.
7620'	7792'	172'	Shale, lime, and dolomite.
7792'	7967'	175'	Shale and anhydrite. (Red, green, and black.)
7967'	8099'	132'	Shale, anhydrite, and dolomite.
8099'	8167'	68'	Shale and anhydrite.
8167'	8521'	357'	Shale, anhydrite, and dolomite.
8521'	8585'	64'	Shale.
8585'	8656'	71'	Shale, anhydrite, and dolomite.
8656'	8851'	195'	Shale and lime.
8851'	8871'	17'	Dolomite. Slight trace of fluorescent. Made D.S.T. No. 2 from 8851' to 8871'. Run 1795' of water blanket. 5/8" bottom choke - 1" top choke. Length of test - 25 minutes. Slight blow 1 minute and died. Initial flowing pressure 1000# - Final 1000#. 15 minute shut-in build-up - 1000#. Hydrostatic pressure - In 1400', out 1000'. Recovered 1795' of water blanket and 10' of drilling mud.
8871'	8916'	45'	Dolomite.
8916'	8977'	61'	Dolomite and shale.
8977'	8990'	13'	Dolomite and chert.
8990'	9111'	121'	Dolomite and lime.
9111'	9212'	101'	Dolomite, lime, and shale.
9212'	9238'	26'	Dolomite and lime.
9238'	9250'	12'	Sand.
9250'	9307'	57'	Dolomite, lime, and shale.
9307'	9429'	122'	Lime and shale.
9429'	9681'	252'	Lime.
9681'	9805'	124'	Lime and shale. Made D.S.T. No. 3 from 9678' to 9805'. One hour length of test. Slight blow of air for 28 minutes when tool was first opened, then died. Recovered 800' of water blanket and 100' of rotary mud. Initial flowing pressure - 450#, final 450#. Thirty minute build-up pressure - 685#. Hydrostatic pressure - In 5100', out 5100#.
9805'	9884'	79'	Lime and shale. Attempted D.S.T. No. 4 from 9800' to 9865'. Packer failure. No test.
9884'	9919'	35'	Lime, shale, and chert.
9919'	10007'	88'	Lime and chert.
10007'	10190'	183'	Lime. Made D.S.T. No. 5 from 10030' to 10050'. Length of test 15 minutes. Recovered 400' of water blanket and 180' of drilling mud. Initial flowing pressure 465#, final 465#. Hydrostatic pressure - 5270', out 5270#. Thirty minute build-up 465#.
10190'	10353'	163'	Lime and shale.
10353'	10357'	4'	Chert and lime.
10357'	10425'	68'	Lime.
10425'	10547'	122'	Lime and shale.
10547'	10604'	57'	Lime.
10604'	10762'	158'	Lime and shale.
10762'	10785'	23'	Lime, shale, and chert.
10785'	10820'	35'	Lime.
10820'	10882'	62'	Lime, shale, and chert.

(Continued on separate page)

HISTORY OF OIL OR GAS WELL

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.