

U. S. LAND OFFICE Anata Fe, N.M.
SERIAL NUMBER LC 063441
LEASE OR PERMIT TO PROSPECT _____

A 10x10 grid with a single dot at (2, 5) and a cluster of dots at (8, 5).

APPROVED
MAR 10 1958
UNIT
JOHN A. EBBERT
1788 DEPARTMENT
GEOLOGICAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John M. Beard Address 1300 North Broadway
Oklahoma City, Oklahoma
 Lessor or Tract Young-Federal Field Young State New Mexico
 Well No. 5 Sec. 20 T. 18S R. 32E Meridian NMPM County Lea County, N.M.
 Location 2310 ft. N of S Line and 990 ft. E of W Line of Sec. 20 Elevation 3744 GL
 (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 F. H. Karlman
Title Geologist

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

Commenced drilling March 8, 1958 Finished drilling March 22, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3746</u> to <u>3758</u>	No. 4, from _____ to _____
No. 2, from <u>3964</u> to <u>3980</u>	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	28#	8 rd.	SS	1001	BJ				Surface Oil String
5 1/2	14#	8 rd.	SS	4012	BJ		3746-3758	3984-3980	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1001	350 sxs	Circulated	Drilled	Circulated
5 1/2	4012	150 sxs	Pump Plug & Pressure Up	With Air	With Water Load

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
4"	Dyna-Jet	4/shots/ft		3-27-58	3746-3758	
Sandfrac		20,000#/20,000 gal		3-28-58	3964-3980	TD

TOOLS USED

Rotary tools were used from 0 feet to 4012 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

March 29, 1958 Put to producing March 29, 1958

The production for the first 24 hours was 60 barrels of fluid of which 100 % was oil: _____ %

emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 36°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES

W. I. Trembley, Jr. _____, Driller _____, Driller

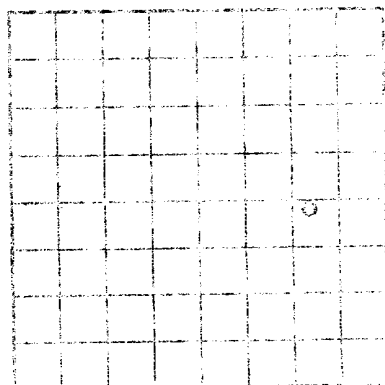
P. J. Carre Driller

B. D. Crismon INFORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	135		Red beds, caliche, w/sd.stks.
135	213		Red beds & gypsum
213	358		Red beds
358	678		Red beds
678	836		Red beds & gypsum
836	906		Red beds & gypsum
906	977		Red beds
977	1005		Anhydrite
1005	1015		Anhydrite
1015	1130		Anhydrite
1130	1146		Anhydrite
1146	1212		Anhydrite & strks. red beds
1212	1580		salt
1580	2100		salt
2100	2352		salt
2352	2490		Anhydrite & salt
2490	2755		Anhydrite
2755	2788		Anhydrite w/strks. red sd.
2788	2936		Anhydrite w/lime shells
2936	3096		Anhydrite
3096	3274		Anhydrite
3274	3445		Anhydrite
3445	3607		Anhydrite
3607	3636		Anhydrite w/limy strks.
3636	3645		Anhydrite w/limy strks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCALITY WITH CORRECTION

[Handwritten signature]

2007-07-20 09:00:00

DATE: 12/01/1999

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of refilling, 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 drilling.

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FORMATION RECORD—Continued

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

New Mexico

April 7, 1958

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

John M. Beard

Young-Federal

Well No. 5

NW

SW

(Company or Operator)

(Lease)

L

Sec. 20

T. 18S

R. 32E

NMPM.

Undesignated

Pool

Unit Letter

Lea

County. Date Spudded 3-8-58

Date Drilling Completed 3-22-58

Please indicate location:

Elevation 3744 GL

Total Depth 4012

PBTD

Top Oil/Gas Pay 3746

Name of Prod. Form.

PRODUCING INTERVAL -

Perforations 3746-3758; 3964-3980

Open Hole None

Depth

Casing Shoe 4012

Depth

Tubing 3740

OIL WELL TEST -

Natural Prod. Test: 0 bbls. oil, 0 bbls water in 0 hrs, 0 min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of

load oil used): 60 bbls. oil, 0 bbls water in 24 hrs, - min. Size Pump

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and

sand): 20,000 lbs. sd./20,000 gal. oil

Casing Tubing Date first new

Press. 250# Press. Pump oil run to tanks 4-7-58

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter No pipeline connections for gas

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: 19

John M. Beard

(Company or Operator)

OIL CONSERVATION COMMISSION

By:

(Signature)

Title Geologist

Send Communications regarding well to:

Name John M. Beard

Address 1300 N. Broadway, Okla. City, Okla.