

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator James G. Brown & Associates Lease Federal
Well No. 1 Unit Letter 0 S 4 T20-S R35-E Pool Pearl Queen
County Lea Kind of Lease (State, Fed. or Patented) Ed. LC-060881
If well produces oil or condensate, give location of tanks: Unit J S 4 T 20-S R 35-E
Authorized Transporter of Oil or Condensate The Permian Corporation
Address Box 4187, Midland, Texas
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas Warren Petroleum Corporation
Address P.O. Box 1889, Tulsa, Oklahoma
(Give address to which approved copy of this form is to be sent)
If Gas is not being sold, give reasons and also explain its present disposition:
Cushinghead Gas Contract signed November 8, 1960 - sales connection imminent.

Reasons for Filing: (Please check proper box) New Well ()
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()
Change in Ownership () Other (X)
Remarks: (Give explanation below)

1. Change in pool designation
2. Show authorized transporter of gas

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 7th day of December 19 60

Approved DEC 3 1960 19

OIL CONSERVATION COMMISSION

By [Signature]
Title Regional Director

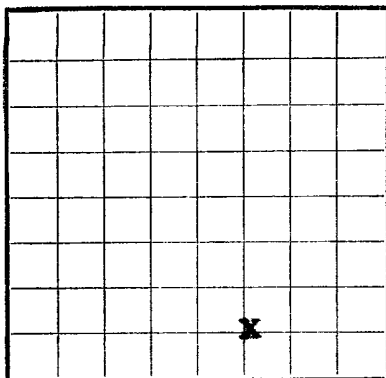
By [Signature]

Title Production Superintendent

Company James G. Brown & Associates

Address P.O. Box 1625

Midland, Texas



LOCATE WELL CORRECTLY

NOTED

SEP 9 1960

STANDLEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY SEP 9 1960

U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **James G. Brown & Associates** Address **P.O. Box 1625, Midland, Texas**
Lessor or Tract **Federal** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **4** T. **20S** R. **35E** Meridian **N.M.P.** County **Lea**
Location **660** ft. **N.** of **S** Line and **1930** ft. **E.** of **E** Line of **Sec. 4** Elevation **3686** KB
(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 *J. A. Warren* **J. A. Warren**Date **September 7, 1960** Title **Production Superintendent**

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

Commenced drilling **August 6,** 19 **60** Finished drilling **August 26,** 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4860** to **4875** No. 4, from _____ to _____
No. 2, from **4906** to **4918** No. 5, from _____ to _____
No. 3, from **4950** to **4969** 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	125	8	5019	5019	5019	5019	4950	4969	Surface
5-1/2	115	8	5019	5019	5019	5019	4950	4969	Surface
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	323	150	Pump & plug		Cmt. circulated
5-1/2	5019	200 @ shoe	"	1.15	
		100 @ 2006'			

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 **5024** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Sept. 7, 19 **60** Put to producing **Aug. 30,** 19 **60**
The production for the first 24 hours was **84** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **35.6**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1950 per DST 30 min. SIP**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Completion: Swabbed 41 barrels oil in 12 hrs. natural. Acidized w/1000 gals at 2200 Psi and swabbed 18 BO in 3-1/2 hrs. Treated down casing w/20,000 gals. refined oil and 39,100 lbs/ 20/40 sand at 31 BPM injection rate. Treating pressure 2900-3350 Psi; Initial static pressure 1600 Psi; 16-hr. SIP 700 Psi; Flowed pressure down, ran 2" EUE tubing to 4987'; Swabbed off, flowed back load oil and produced new oil as shown above.			
0	265	265	Surface sands and gravels
265	1030	765	Redbeds and anhydrite
1030	1935	905	Anhydrite and dolomite
1935	3445	1510	Anhydrite and salt
3445	4112	667	Dolomite, shale and sand
4112	5024 TD	912	Lime, dolomite and sand
			Top Queen 4760'
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

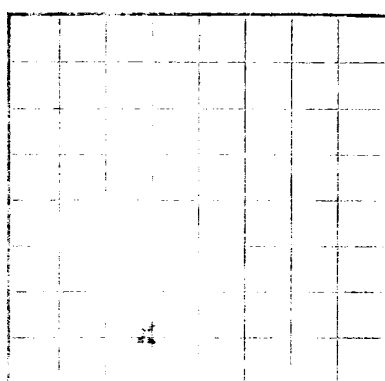
LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

U. S. LAND OFFICE
Serial Number 060 381
Lease or Permit to Prospect

Form 9-230



LOCAL WELL

Company, James O. Brown & Associates, Address, P.O. Box 152, Midland, Texas
Person or Firm, General

Well No. 1, Section 34, T. 12 N., R. 35 E., N. 42. P., County, State, New Mexico

Location, 600 ft. from line and 150 ft. from line of section, Elevation 3086 KB

The information given hereon 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, Title, Production Superintendent

Date, September 1, 1960

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

Commenced drilling, August 2, 1960

Finished drilling, August 26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4200 to 4250
No. 2, from 4250 to 4300
No. 3, from 4300 to 4350

IMPORTANT WATER SANDS

No. 1, from 4350 to 4400
No. 2, from 4400 to 4450
No. 3, from 4450 to 4500

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, together with the reasons for the work and the results. If the well has been damaged, give date, size, position, and nature of damage. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Amount of mud used, Method used, Kind of cement, Number sacks of cement, Weight of cement, Size of casing, Date of cementing

PLUGS AND ADAPTERS

Leaving plug, Adapter, Length, Depth set

SHOOTING RECORD

Size, Weight, Depth, Date, Quantity, Kind of shot, Depth shot, Weight of shot, Kind of shot

TOOLS USED

Rotary tools were used from 0 to 100 feet
Cable tools were used from 100 to 200 feet

DATES

The production for the first 24 hours was 84 barrels of fluid of which 60% was oil; 24% was gas; 16% was water; and 10% was sediment.
If gas well, oil per 24 hours, Gasoline per 1,000 cu. ft. of gas, Gravity, B.S., Put to producing, 10-60

EMPLOYEES

Driller, Driller

FORMATION RECORD

FROM, TO, TOTAL FEET, FORMATION

Completion: Swabbed 41 barrels oil in 1 1/2 hrs. natural. Swabbed w/1000 gals. oil
1500 Psi and swabbed 18 BO in 3-1/2 hrs.
1 treated down casing w/10,000 gals. refined oil and 30,000 lbs. sand at 31 BPM in-
jection rate. Treating pressure 2900-3350 Psi; initial static pressure 1000 Psi; 10-hr.
oil 700 Psi; flowed pressure down, ran 1" EUE tubing to 1987; swabbed oil, flowed
back load oil and produced new oil as shown above.

4115 3014 TD
3443 4115
1935 3443
1030 1935
305 1030
0 305

lime, dolomite and sand
dolomite, silica and sand
Anhydrite and salt
Anhydrite and dolomite
Redbeds and anhydrite
Surface sands and gravels

Top Queen 4700'

FORMATION RECORD—Continued

FORMATION

TOTAL FEET

TO

FROM