NEW MEXI OIL CONSERVATION COMM. ION
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 O S 4 T 20-S R 35-E Pool Pearl Queen

County Lea Kind of Lease (State, Fed. or Patented) Fed. 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 1589, 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:
Casinghead 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

By J. A. Warren

Approved DEC 9 1960 19

Title Production Superintendent

OIL CONSERVATION COMMISSION

Company James G. Brown & Associates

By

Address P.O. Box 1625

Title

Midland, Texas

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

NOTED
SEP 9 1960
STANDLEY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060 881
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 9 1960
U. S. GEOLOGICAL SURVEY

X

LOCATE WELL CORRECTLY

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 R35E Meridian N.M.P. County Lea

Location 660 ft. S of S Line and 1980 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

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, 1960 Finished drilling August 26, 1960

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 From—	Perforated To—	Purpose
8-5/8	[illegible]	8	[illegible]	323	Guide	—			Surface
5-1/2	15.5	8	Nat'l	5019	[illegible] DV		4934 4965	4937 4968	Oil string

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 100 @ 2006'	" "	1.15	

FOLD | MARK

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 0 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, 1960 Put to producing Aug. 30, 1960

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.

FROM—	TO—	TOTAL FEET	FORMATION
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'

[OVER] 16—43094-4

Budget Bureau No. 42-R356.4.
Approval expires 12-31-...

Form 9-330

U. S. Land Office Las Cruces
Serial Number 060 381
Lease or Permit to Prospect

NOTED
SEP 9 1960
STANDLEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 9 1960

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company James C. Brown & Associates Address P.O. Box 1525, Midland, Texas

Lessor or Tract Federal Field Undesignated State New Mexico

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Location 660 ft. N/S of S Line and 1980 ft. E/W of E Line of Sec. ... Elevation 3686 KB (Derrick floor relative to sea level)

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Commenced drilling August 6, 1960 Finished drilling August 26, 1960

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

No. 1, from 4866 to 4873 No. 4, from ... to ...

No. 2, from 4906 to 4910 No. 5, from ... to ...

No. 3, from 4950 to 4963 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 From–	Perforated To–	Purpose
							4955	4950	

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.

10—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 0 feet to 5024 feet, and from ... feet to ... feet

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

DATES

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

Rock pressure, lbs. per sq. in. 1750 per psi 30 min. SIP

EMPLOYEES

..., Driller ..., Driller

..., Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Completion: Swabbed 41 barrels oil in 14 hrs. natural. Acidized w/1000 gals at 2500 Psi and swabbed 15 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 4967'; Swabbed off, flowed back load oil and produced new oil as shown above.
0	265	265	Surface sands and gravels
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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'

16—43094-4

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION