

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sunray Mid-Continent Oil Company Lease Dodd "A"
Address Box 1168, Snyder, Texas Box 2039, Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)
Unit L, Well(s) No. 20, Sec. 14, T. 17, R. 29, Pool Grayburg - Jackson
County Eddy Kind of Lease:

If Oil well Location of Tanks:

Authorized Transporter Frontier Natural Gasoline Company Address of Transporter
Box 216, Loco Hills, New Mexico Box 3908, Odessa, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of 100% Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are:

REASON FOR FILING: (Please check proper box)

NEW WELL ☒ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:

Well #20 completed January 28, 1957.

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

Executed this the 26 day of February, 19 57.

Approved FEB 28 1957, 19

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Title DISTRICT SUPERINTENDENT

Sunray Mid-Continent Oil Company

By Bruce Denny

Title District Superintendent - Gas Division

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

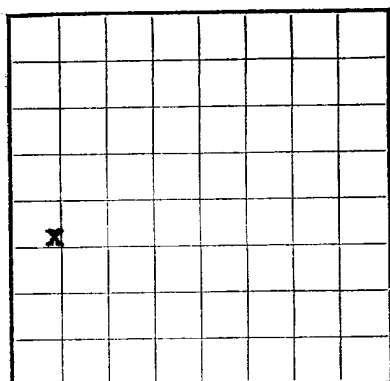
- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 028731 (A)
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Co. Address Box 128 - Hobbs, New Mexico
Lessor or Tract M. Dodd "A" Lease Field Grayburg-Jackson State New Mexico
Well No. 20 Sec. 14 T. 17-S R. 29-E Meridian _____ County Eddy
Location 1980 ft ^(N)/_(E) of S Line and 660 ft ^(E)/_(W) of W Line of Sec. 14 Elevation 3593
(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.

Date January 30, 1957 Signed J. A. Harry Title Robbs Area Superintendent

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

Commenced drilling 1-2-57, 1957 Finished drilling 1-21-57, 1957

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

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from 2403 to 2420 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	24#	8Rd	Smls	459	Tex. Patt.				Surface
7"	23#	8Rd	Smls	2867	Pilot				Oil String
									HISTORY OF OIL GAS AND WATER PRODUCTION IN THE STATE OF TEXAS

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	458	500	Pump & Plug	Native	
7"	2387'	100	Pump & Plug	Native	

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 2424 feet, and from _____ feet to _____ feet

DATES

January 30, 1957, 1957
 The production for the first 24 hours was 226 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment.
 If gas well, cu. ft. per 24 hours
 Rock pressure, lbs. per sq. in.
 Put to producing January 28, 1957
 Gravity, °Bé. 34
 Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

Cactus Drilling Co.	Driller		Driller
Robbie McCarroll, Tool Pusher	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	32 0	320	Sand, Caliche & Shale
320	415	95	Red Beds
415	500	85	Red Beds & Salt
500	785	285	Salt
785	842	57	Salt & Anhydrite
842	905	63	Anhydrite & Shale
905	1600	695	Anhydrite
1600	1840	240	Anhydrite & Lime
1840	1870	30	Red Sand
1870	2210	340	Anhydrite
2210	2230	20	Anhydrite & Red Bed
2230	2403	173	Lime
2403	2420	17	Metex Sand
2420	2424	4	Lime

FORMATION TOPS

Ruetler	785'
Queen	1840'
Grayburg	2096'
Metex	2403'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SERVICE

REF ID: A67904

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.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]