

DUPLICATE

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

SEP 18 1951

REQUEST FOR (OIL) - ~~REUSE~~ ALLOWABLE

It is necessary that this form be submitted by the operator before will be assigned to any completed oil or gas well. Form C-110 (Certificate of Completion and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Hobbs, New Mexico
Place

9-7-51

Date

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

Shell Oil Company

Turner

Well No. 15 in SW 1/4 SE 1/4
990' FSL & 2310' FEL

Company or Operator

Lease

section 22, T. 21-S, R. 37-E, N.M.P.M. Brunson Pool Lea County

Please indicate location:

Elevation 3416 Spudded 7-5-51 Completed 9-11-51

R-37-E

Total Depth 7472 ~~SEE~~ DOD 7468

Top Oil ~~SEE~~ Pay 7306 Top Water Pay

Initial Production Test: Pump Flow 182.07 (BOPD ~~SEE~~ ~~REMARKS~~)

Based on 182.07 bbls. Oil in 24 hrs. Mins.

21 Method of Test ~~SEE~~ Tanks

Size of choke in inches 16/64"

8 Tubing (Size) 2 3/8" @ 7461 Feet

Pressures: Tubing 450 Casing Packer

Gas/Oil Ratio 1558 Gravity 40.1° API

Casing Perforations:

7405 - 7424

Unit letter:

Casing & Cementing Record

Size	Feet	Sax
13 3/8"	254	300
8 5/8"	2887	1950
5 1/2"	7472	875

Acid Record:

-- Gals to
-- Gals to
-- Gals to

Shooting Record.

-- Qts to
-- Qts to
-- Qts to

Show of Oil, Gas and water

S/
S/
S/
S/
S/
S/
S/

Natural Production Test: Pumping 182.07 Flowing

Test after acid or shot: Pumping Flowing

Please indicate below Formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy
T. Salt
B. Salt
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger 7306 (-3890)
T. Gr. Wash 7424 (-4008)
T. Granite 7468 (-4052)
T.
T.
T.
T.
T.

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Cliff House
T. Veneff
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: 9-6-51

Pipe line taking oil or gas: Shell Pipe Line

Remarks: New completion.

Shell Oil Company
Company or Operator

By: _____
Signature

Position: Division Exploitation Engineer

Send communications regarding well to:

Name: Shell Oil Company

Address: Box 1457, Hobbs, New Mexico

APPROVED Sept - 18, 1951

OIL CONSERVATION COMMISSION

By: Roy Garbaryk

Title: Oil & Gas Inspector

DUPLICATE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

RECEIVED

SEP 1 Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Shell Oil Company Lease A. T. Turner
Address Box 1457, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)
Unit 0 Wells No. 15 Sec. 22 T 21S R 37E Field Brunson County Lea
Kind of Lease Patented Location of Tanks Near center of lease
Transporter Shell Pipe Line Address of Transporter Box 486, Hobbs, New Mexico
(Local or Field Office)
Houston, Texas Percent of oil to be transported 100. Other transporters author-
(Principal Place of Business) ized to transport oil from this unit are None 0 %
REMARKS:

New completion. Allowable to date from 9-6-51.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 11th day of September, 1951

Shell Oil Company
(Company or Operator)
By J. D. Savage
Title Division Exploitation Engineer

State of New Mexico
County of Lea } ss.

Before me, the undersigned authority, on this day personally appeared J. D. Savage known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 11th day of September, 1951

Notary Public in and for Lea County, New Mexico

Approved: Sept - 18 1951

OIL CONSERVATION COMMISSION

By W. D. Gaskin
Oil & Gas Inspector

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil 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 month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil 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 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 from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) 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, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

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

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>SAMPLE LOG</u>			
0	3000	3000	No samples taken.
3000	5072	2072	Lime, dolomite with some shale & anhydrite.
5072	5150	78	Dolomite
5150	5535	385	Sandy dolomite.
5535	7306	1820	Lime, dolomite, shale, some anhydrite.
7306	7424	118	Ellenburger dolomite
7424	7468	44	Granite wash
7468	7472	4	Granite
TD	7472		
<u>TOPS BY SCHUMBERGER:</u>			
Ellenburger dolomite		7306 (-3890)	
Granite wash		7424 (-4008)	
Granite		7468 (-4052)	
<u>DST #1:</u>	5500-5630 (130' Blinberry Dolomite)		Tool open 30 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Strong blow immediately. Gas in 1 1/2 min. Flowed gas @ stabilized rate of 5,630 MCF/D. Recovered 20' (0.15 bbls.) distillate. Gravity 53° API. FBHP 1050 to 1300 psi. 15 min. SIBHP 2375 psi. HMM 2825 psi. <u>Positive Test.</u>
<u>DST #2:</u>	6550-6624 (74' Drinkard Dolomite)		Tool open 2 hrs. thru 5/8" BC & 1" TC on 3 1/2" DS. Weak blow throughout test. Gas to surface in 40 min. Rec. 150' (1.1 bbls.) 40° API gravity oil & 120' (0.89 bbls.) heavily oil & gas cut mud. FBHP @ psi. 15 min. SIBHP 825 psi. HMM 3150 psi. <u>Positive Test.</u>
<u>DST #3:</u>	6524-6627 (103' Drinkard Dolomite)		Tool open 4 hrs. & 20 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Strong blow immediately. Gas to surface in 5 min. Fluid in 35 min. Oil in 40 min. Flowed to pits to clean. Then flowed 15.77 bbls. 40.4° API gravity oil in 3 hrs. & 15 min. GOR 5408. Reversed out recovery. FBHP 750psi. 15 min. SIBHP 1800 psi. HMM 3275 psi. <u>Positive Test.</u>
<u>DST #4:</u>	7442-7466		Packers failed. <u>Positive Test.</u>
<u>DST #5:</u>	7353-7466 (113' Ellenburger Dolomite)		Tool open 2 hrs. thru 5/8" BC & 1 1/2" TC on 3 1/2" DS. Very strong blow immediately. Gas to surface in 3 1/2 min. Mud in 17 min. Oil in 21 min. Flowed to pits to clean, then flowed oil by 15 min. gauges as follows: 9 bbls, 8 bbls., 8.3 bbls., 8.9 bbls., 7.8 bbls., 9.1 bbls. Flowed total 50 bbls. 43° gravity oil cut 0.2% BS&W in 1 1/2 hrs. GOR 2081. Reversed out recovery. FBHP 1175 psi. 15 min. SIBHP 2250 psi. HMM 3625 psi. <u>Positive Test.</u>
<u>DST #6:</u>	7399-7466 (67' Ellenburger Dolomite & granite wash)		Tool open 4 hrs. thru 5/8" BC & 1" TC on 3 1/2" DS. Strong blow immediately. Gas to surface in 7 min. Mud in 2 hrs. & 37 min. Oil in 2 hrs. & 42 min. Flowed to pits to clean, then flowed 11.2 bbls. of 43.7 gravity oil cut 0.3% BS in 90 min. GOR 748. Reversed out recovery. <u>Positive Test.</u>