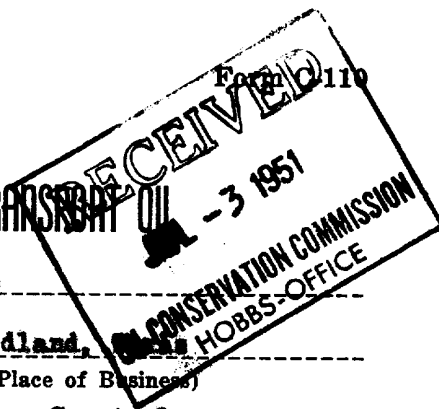


DUPLICATE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL



Company or Operator Shell Oil Company Lease Arge
Address Box 1457, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)
Unit H Wells No. 8 Sec. 25 T. 21S R. 37E Field Hare County Lea
Kind of Lease Patented Location of Tanks Center S/2 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 6-28-51.

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 29th day of June, 195 1

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 29th day of June, 195 1

Commission Exp. 6-6-1954

Notary Public in and for Lea County, New Mexico

Approved: July - 2 195 1

OIL CONSERVATION COMMISSION

By Way O. Yankrough

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.



LTR



Job separation sheet

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

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

RECEIVED
JUL - 3 1961

nt Lookout _____
cos _____
ota _____
rison _____
n _____

RECEIVED
JUL - 3 1961
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: 6-28-51

Pipe line taking oil or gas: Shell Pipe Line

Remarks: New completion

Shell Oil Company
Company or Operator

By:

J. D. Savage
Signature

Position: Division Exploitation Engineer

Send communications regarding well to:

Name: Shell Oil Company

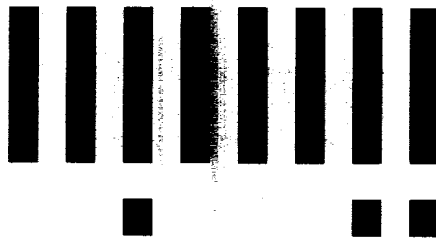
Address: Box 1457, Hobbs, New Mexico

APPROVED July - 2, 1951

OIL CONSERVATION COMMISSION

By:

Ray Yankrough
Title: Gas Inspector



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or Leeper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

Argo

Company or Operator

Lease

Well No. **8** in **SW/4** of Sec. **15**, T. **21-S**

R. **37-E**, N. M. P. M., **Hare** Field, **Lee** County.

Well is **4290** feet south of the North line and **2970** feet west of the East line of **Sec. 15, T-21-S, R-37-E**

If State land the oil and gas lease is No. **--** Assignment No. **--**

If patented land the owner is **Argo Oil Corp.** Address **--**

If Government land the permittee is **--** Address **--**

The Lessee is **Shell Oil Company** Address **Box 1457, Hobbs, New Mexico**

Drilling commenced **5-11-51** 19 **51** Drilling was completed **6-21** 19 **51**

Name of drilling contractor **Drilling & Exploration** Address **Hobbs, New Mexico**

Elevation above sea level at top of casing **3416** feet.

The information given is to be kept confidential until **Not confidential** 19 **--**

OIL SANDS OR ZONES

No. 1, from **7727** to **7753** No. 4, from **--** to **--**

No. 2, from **--** to **--** No. 5, from **--** to **--**

No. 3, from **--** to **--** No. 6, from **--** to **--**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **--** to **--** feet. **--**

No. 2, from **--** to **--** feet. **--**

No. 3, from **--** to **--** feet. **--**

No. 4, from **--** to **--** feet. **--**

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
13 3/8"	32.4	8R	Naylor	212'					Water string
8 5/8"	32#	8R	Mixed	2902'	Baker				Salt string
5 1/2"	15.5# & 17#	8R	--	5134'	Larkin				Oil string
2 3/8"	4.7#	8R	National	7766'	Hung	7774'	7737	7753	Tubing string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4"	13 3/8"	226'	300 sack	Pump & plug		
11"	8 5/8"	2925'	1800	Pump & plug		
7 7/8"	5 1/2"	7800'	850	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material **--** Length **--** Depth Set **--**

Adapters—Material **--** Size **--**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

NO.	DATE	DESCRIPTION OF TREATMENT	QUANTITY	DATE	DEPTH SHOT	REMARKS
		Record of casing perforations: Perforated 5 1/2" casing from 7727 to 7753' with 4 - 3/8" jet charges per foot.				

Results of shooting or chemical treatment **Washed casing perforations w/500 gallons mud acid.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **8002** feet, and from **--** feet to **--** feet.

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

PRODUCTION

Put to producing **6-28** 19 **51**

The production of the first 24 hours was **201.64** barrels of fluid of which **99.9** % was oil; **--** %

emulsion; **--** % water; and **0.1** % sediment. Gravity, **42° API**

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

Rock pressure, lbs. per sq. in. **00R 1345**

EMPLOYEES

Leon Beard, Driller **C. H. Sherrill**, Driller

J. W. Gunter, Driller **--**, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **29th**

Hobbs, New Mexico **6-29-51**

day of **June**, 19 **51**

Name **J. D. Savage**

Position **Division Exploitation Engineer**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	5000	5000	No samples
5000	7380	2380	Dolomite w/streaks lime, anhydrite & shale
7380	7760	380	Sand and shale
7760	7795	35	Sandy dolomite
7795	7875	80	Ellenburger lime
7875	7985	110	Ellenburger dolomite & sand
7985	7996	11	Granite wash
7996	8002	6	Granite
TD	8002		Granite
TOPS BY SCHLUMBERGER:			
McKee	7404 (-3975')		
Ellenburger line	7797 (-4368)		
Ellenburger dolomite	7875 (-4446)		
Granite wash	7985 (-4536)		
Granite	7996 (-4567)		
DST 1:	7778-8002 (Ellenburger dolomite)		5/8" BC & 1" TC on 3 1/2" DS. Tool open 100 min. Gas to surface in 5 min., mud in 20 min., oil in 25 min. Flowed 70 bbls. oil in one hour. GOR 287. Reversed out recovery. FBHP 2050 psi. 30 min. SIHP 2400 psi. HWH 3850 psi. <u>Positive Test.</u>