

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Roswell, New Mexico September 22, 1960  
(Place) (Date)

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

Shell Oil Company Livingston, Well No. 6, in NE 1/4 SW 1/4,  
(Company or Operator) (Lease)  
S, Sec. 3, T. 21S, R. 37E, NMPM., Wants-Abo Pool

Lea

Please indicate location:

R-37-E

<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> K	<input checked="" type="checkbox"/> J	<input checked="" type="checkbox"/> I
<input checked="" type="checkbox"/> M	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> O	<input checked="" type="checkbox"/> P
<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> S	<input checked="" type="checkbox"/> R	<input checked="" type="checkbox"/> Q
<input checked="" type="checkbox"/> U	<input checked="" type="checkbox"/> V	<input checked="" type="checkbox"/> W	<input checked="" type="checkbox"/> X

Operation Began

County, Date 8-1-60 Date Completed 9-21-60

Elevation 3450' Total Depth 8230' PBTD 7110'

Top Oil/Gas Pay 6980' Name of Prod. Form. Abo

PRODUCING INTERVAL -

Perforations 6980' - 6990', 6995' - 7024', 7036' - 7065', 7087' - 7088'

Open Hole - Depth Casing Shoe 8228' Depth Tubing 7046'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls water in hrs, min. Size \*

GAS WELL TEST -

\*Gas Lift

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and

sand): 1000 G. 15% BDA, 1000 G. 15% MCA, 6000 G. 15% NE

Casing Tubing Date first new Press. oil run to tanks September 21, 1960

Oil Transporter Shell Pipe Line Corporation

Gas Transporter

Tubing, Casing and Cementing Record

Size	Feet	Sax
13 3/8"	210'	250
8 5/8"	3136'	2200
5 1/2" lnr.	5284'	825
2"	7046'	

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved, 19

OIL CONSERVATION COMMISSION

By:

Title

Shell Oil Company

(Company or Operator)

R. A. Lowery

By:

(Signature)

Title

District Exploitation Engineer

Send Communications regarding well to:

Name Shell Oil Company

Address Box 845, Roswell, New Mexico

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 Shell Oil Company Lease Livingston  
Well No. 6 Unit Letter S S 3 T 213 R 37E Pool Wants-Abo  
County Lea Kind of Lease (State, Fed. or Patented) Patented  
If well produces oil or condensate, give location of tanks: Unit S S 3 T 213 R 37E  
Authorized Transporter of Oil or Condensate Shell Pipe Line Corporation  
Address P. O. Box 1598, Hobbs, New Mexico  
(Give address to which approved copy of this form is to be sent)  
Authorized Transporter of Gas none  
Address Shell Oil Co Date Connected 9/21/60  
(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:

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 Recompletion 9-21-60 ☒  
Remarks: (Give explanation below)

**Recompleted from Hare to Wants-Abo.**

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

Executed this the 22nd day of September 19 60

Approved [Signature] 19 60

OIL CONSERVATION COMMISSION

By [Signature]  
Title [Signature]

By R. A. Lowery  
Title District Exploitation Engineer

Company Shell Oil Company

Address P. O. Box 845

Roswell, New Mexico

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Shell Oil Company</b>		Address <b>Box 845, Roswell, New Mexico</b>	
Lease <b>Livingston</b>	Well No. <b>6</b>	Unit Letter <b>S</b>	Section <b>3</b>
Date Work Performed <b>8-1 thru 9-21-60</b>		Township <b>21S</b>	Range <b>37E</b>
Pool <b>Hare to Wants-Abo</b>		County <b>Lea</b>	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations    ☐ Casing Test and Cement Job    ☒ Other (Explain):  
☐ Plugging    ☐ Remedial Work    **Recompletion**

Detailed account of work done, nature and quantity of materials used, and results obtained.

### RECOMPLETED FROM HARE TO WANTZ-ABO

Ran gauge ring on wireline to 7430'. Set CIBP @ 7430' & capped w/1 sx. cement. Perforated 5 1/2" lnr. @ 7127' - 7130', 7156' - 7186', 7243' - 7256', 7264' - 7270', 7277' - 7326' w/2 24 gr. JSPP. Ran 2" tubing opened ended to 7322' w/Sweet HD-100 packer @ 7105' & Sweet HHD @ 7102'. Treated formation w/1000 gallons 15% BDA, flushed w/33 BO. Pulled tubing & packer & reran to 7000'. Ran Lane Wells Tracer Survey, found fluid entry 7321' - 7330'. Pulled tubing & packer. Ran Lynes packer on 2" tubing & tagged bottom. Set lower packer @ 7306' & upper packer @ 7274'. Swabbed 100% water. Reset lower packer @ 7306', upper packer @ 7274'. Swabbed 100% water. Reset lower packer @ 7196' & upper packer @ 7121'. Treated w/500 gallons 15% MCA + 2000 gallons 15% NE acid. In 14 hours swabbed 27 BO + 60 BAW + 122 BW. Pulled tubing & packers. Set CIBP @ 7115' & capped w/1 sx. cement. Perforated 7087' - 7088' w/4 JS. Ran FBRC on 2" tubing & set @ 7077', raised tubing to 7070'. Spotted 250 gallons 15% MCA. Pulled tubing & FBRC. Perforated 7036' - 7065' w/2 JSPP. Ran tubing and set packer @ 7077'. Squeezed below packer w/100 sx. regular cement. Squeezed 100 sx. cement w/200# Tuff Plug added. Raised tubing to 7072' & reversed out 1 1/2 bbls. cement. Ran 2" tubing w/Sweet HD-100 packer w/hydraulic holddown. Spotted 2000 gallons 15% NE acid. (Continued on back of page)

Witnessed by <b>H. B. Brooks</b>	Position <b>Production Foreman</b>	Company <b>Shell Oil Company</b>
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### FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

#### ORIGINAL WELL DATA

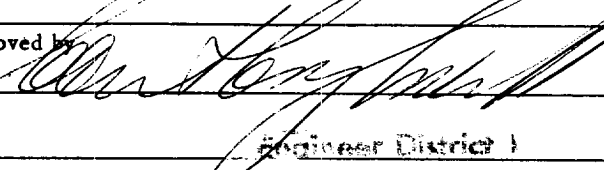
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

#### RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

### OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by 	Name <b>R. A. Lowery</b>
Title <b>Engineer District 1</b>	Position <b>District Exploitation Engineer</b>
Date <b>SEP 26 1960</b>	Company <b>Shell Oil Company</b>

The FBI  
 100-37377  
 1-11-37