

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

C/SF

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Keely A Federal

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Gb-J-SR-Q-Gb-SA

11. SEC., T., R., N., OR S.E. AND
SURVEY OR AREA

24, 17-S, 29-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, Texas 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

Unit G, 1650'FNL & 2310' FEL

14. PERMIT NO.

API No. 30-015-03074

15. ELEVATIONS (Show whether OF, RT, or etc.)

3609' GR

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O. C. D.

ARTESIA, OFFICE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other) Convert to Water Injector

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Recommended procedure to convert well to water injection:

1. MI & RU DDU.
2. COOH with rods and pump. Install BOP. COOH with tubing. GIH with 6-1/4" bit and casing scraper on 2-3/8" work string. Clean out as required to top of liner at 2746'. COOH with tubing, scraper and bit.
3. GIH with 7" RTTS-type packer on tubing. Set packer at $\pm 2300'$. Pressure annulus to 500 psi for 15 minutes to verify casing integrity. If casing does not hold pressure, reset packer up hole and retest annulus. If casing fails to hold pressure, casing inspection log will be run.

See attached pages for additional procedure

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Mueller

TITLE Engr. Supv., Resv.

DATE August 27, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

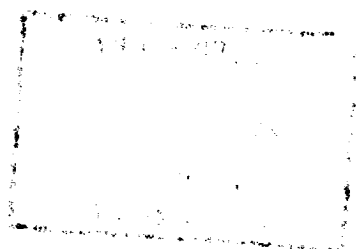
DATE

9-16-86

Subject to
Like Approval
by State

*See Instructions on Reverse Side

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONVERSION PROCEDURE

Keely "A" Federal No. 15

June 30, 1986

Page 2

4. COOH with tubing and packer. GIH with 3-7/8" bit and casing scraper on work string. Clean out to PBTD 3,509'. Load hole with 2% KCl water (104 bbls). Spot 19 bbls of 10% acetic acid from 2,800' to 2,300'. COOH with tubing, scraper, and bit.
5. MI _____ wireline company. Phillips supervisor will hold safety meeting with wireline company personnel. Run Gamma Ray/Collar Locator log from PBTD 3,509' to 2,300'. RU to perforate using 3-3/8" OD casing gun below 2,740' and 4" OD casing gun above 2,740' loaded with deep penetrating DML charges, 2 shots/ft, spiral shot phasing. Perforate as follows top to bottom:

2,353' - 2,355'	2 feet	4 shots
2,359' - 2,361'	4 feet	8 shots
2,393' - 2,397'	2 feet	4 shots
2,418' - 2,422'	4 feet	8 shots
2,529' - 2,533'	2 feet	4 shots
2,558' - 2,562'	2 feet	4 shots
2,606' - 2,610'	4 feet	8 shots
2,618' - 2,622'	2 feet	4 shots
2,640' - 2,642'	2 feet	4 shots
2,684' - 2,686'	2 feet	4 shots
2,702' - 2,706'	6 feet	12 shots
2,754' - 2,758'	2 feet	4 shots
TOTAL	40 feet	80 shots

Note: 7" casing collars are located at 2,316', 2,347', 2,376', 2,410', 2,443', 2,473', 2,505', 2,537', 2,569', 2,601', 2,632', 2,664', 2,695', and 2,725' from Dresser Atlas Sidewall Neutron Gamma Ray Log run 4/10/72.

6. GIH with 7" RTTS-type packer on 2-3/8" work string. Set packer at +2,330'. RU and swab well to clean up perforations.
7. Unseat packer and GIH. Set packer at 2,710'.

CONVERSION PROCEDURE

Keely "A" Federal No. 15

June 30, 1986

Page 3

8. MI _____ treating company. Phillips supervisor will hold safety meeting with treating company personnel. RU to acidize the San Andres interval with 6,000 gallons of 15% NEFE HCl. Load annulus with 2% KCl water and monitor level in annulus during treatment. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:
- a. Open circulating valve and displace tubing with 400 gallons of acid. Close circulating valve.
 - b. Pump 5,600 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (112 balls total).
 - c. Flush with 25 bbls of 2% KCl water.

Note: 15% acid must contain clay stabilizer.

9. Flow and swab back acid and load water (total volume is 168 bbls).
10. COOH with tubing and packer.
11. GIH with 7" packer-type RBP and 7" RTTS-type packer on tubing. Set RBP at +2,714'. Set packer at +2,709' and test RBP to 1,000 psi. Release packer.
12. Set packer at +2,300'. RU and swab well to lower fluid level in tubing.
13. RU _____ treating company to acidize Grayburg perforations with 4,900 gallons of 7-1/2% NEFE HCl. Load annulus with produced water and hold 500 psi on annulus while treating. Pressure test all lines to 5,000 psi before starting treatment. Keep treating pressure as low as possible, maximum treating pressure 5,000 psi. Treat at 4-5 BPM as follows:
- a. Open circulating valve and displace tubing with 350 gallons of acid. Close circulating valve.
 - b. Pump 4,550 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (91 balls total).
 - c. Flush with 26 bbls of 2% KCl water.

Note: 7-1/2% acid must contain clay stabilizer and fines suspension agent.

CONVERSION PROCEDURE

Keely "A" Federal No. 15

June 30, 1986

Page 4

14. Flow and swab back acid and load water (total load volume 143 bbls).
15. Unseat packer, GIH and release RBP. COOH with tubing, packer, and bridge plug.
16. Notify N.M.O.C.D. (Mike Williams, (505) 748-1283, Artesia, New Mexico) 24 hours prior to performing this step. GIH with 7" Baker Model AD-1 (or equivalent) plastic coated injection packer on plastic coated 2-3/8", 4.7#/ft, J-55 8rd EUE tubing. Displace tubing-casing annulus with 2% KCl water containing 1% by volume of Techni-hib 370 (packer fluid). Set packer at +2,300' in 10,000 lbs tension. Pressure test casing to 500 psi for 15 minutes; use two-pen recorder to record tubing and casing pressure during test.

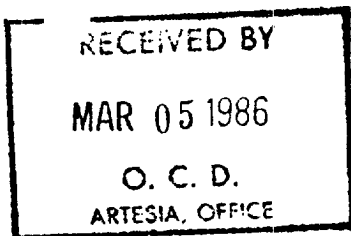
Note: Packer should have shear ring installed to allow the packer to be released by shearing with +25,000 lbs tension.

17. Remove BOP, install wellhead injection assembly, and place well on injection. Do not exceed 465 psi surface injection pressure.

JCC/TDW

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Phillips Petroleum Company

Address 4001 Penbrook, Odessa, Texas 79762

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	<input type="checkbox"/> Change in Transporter oil	Other (Please explain) <u>Effective Date 1-1-86</u>
<input type="checkbox"/> Reconpletion	<input type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input checked="" type="checkbox"/> Condensate Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Keely A Fed</u>	Well No. <u>15</u>	Pool Name, including Formation <u>Grayburg-Jackson-SR-Q-G-SA</u>	Kind of Lease <u>State, Federal or Fee Federal</u>	Lease No. <u>028784-A</u>
Location				
Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u>				
Line of Section <u>24</u> Township <u>17-S</u> Range <u>29-E</u> , NMPM. <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>Navajo Refining Company-Pipeline Division</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 159 Artesia, New Mexico 88210</u>
Name of Authorized Transporter of Condensate Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Phillips 66 Natural Gas Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>4001 Penbrook Odessa, Texas 79762</u>
If well produces oil or liquids, give location of tanks.	Unit <u>K</u> Sec. <u>24</u> Twp. <u>17S</u> Rng. <u>29E</u>
Is gas actually connected?	When <u>March 1, 1962</u>

If this production is commingled with that from any other lease or pool, give commingling order number _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Ken Johnson
(Signature)
Production Records Supervisor
(Title)
January 24, 1986
(Date)

OIL CONSERVATION DIVISION
MAR 7 1986

APPROVED _____ Original Signed By _____
BY _____ Les A. Clements
Supervisor District II

TITLE _____

This form is to be filed in compliance with RULE 1104.

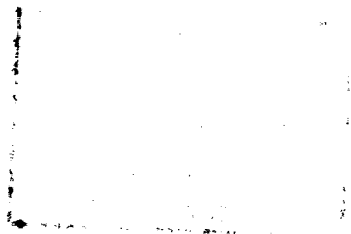
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III and VI for changes of owner, well name or number, or transporter or other such change of condition.

Separate Form C-104 must be filed for each pool in multiply completed wells.

Post FD-3
3-14-86
Chg GT: PP



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