

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<div>RECEIVED BY SEP - 5 1986 O. C. D. ARTESIA, OFFICE</div>		5. LEASE DESIGNATION AND SERIAL NO. LC-028784-c	
2. NAME OF OPERATOR Phillips Petroleum Company ✓				6. IF INDIAN, ALLOTTEE OR TRIBE NAME C/SF	
3. ADDRESS OF OPERATOR 4001 Penbrook St., Odessa, Texas 79762				7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.) At surface Unit 0, 660' FSL & 1980' FEL				8. FARM OR LEASE NAME Keely C Federal	
14. PERMIT NO. API No. 30-015-03077		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3602' RKB		9. WELL NO. 5	
				10. FIELD AND POOL, OR WILDCAT Gb-J-SR-Q-Gb-SA	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 24, 17-S, 29-E	
				12. COUNTY OR PARISH Eddy	
				13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Convert to Water Injector <input checked="" type="checkbox"/>		(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 2633'. COOH with tubing, scraper and bit.
3. GIH with 7" RTTS-type packer on tubing. Set packer at ± 2350'. 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. Should casing fail to hold pressure, casing inspection log will be run.

See attached pages for additional procedure

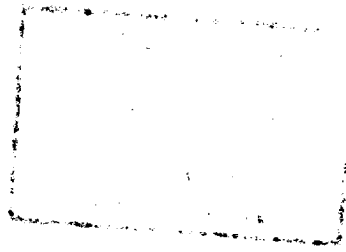
18. I hereby certify that the foregoing is true and correct
SIGNED W. J. Mueller TITLE Engr. Supv., Resv. DATE August 27, 1986
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____ DATE 9-4-86

Subject to
Like Approval
by State

*See Instructions on Reverse Side



CONVERSION PROCEDURE
Keely "C" Federal No. 5
June 30, 1986
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4. COOH with tubing and packer. GIH with 3-7/8" bit and casing scraper on work string. Clean out to PBTD 3,558'. Load hole with 2% KCl water (97 bbls). Spot 24 bbls of 10% acetic acid from 3,450' to 2,350'. 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 3,558' to 2,300'. RU to perforate using 3-3/8" OD casing gun below 2,630' and 4" OD casing gun above 2,630' loaded with deep penetrating DML charges, 2 shots/ft, spiral shot phasing. Perforate as follows top to bottom:

2,367' - 2,369'	2 feet	4 shots
2,374' - 2,376'	2 feet	4 shots
2,392' - 2,396'	4 feet	8 shots
2,438' - 2,440'	2 feet	4 shots
2,471' - 2,475'	4 feet	8 shots
2,574' - 2,576'	2 feet	4 shots
2,630' - 2,632'	2 feet	4 shots
2,634' - 2,638'	4 feet	8 shots
2,662' - 2,664'	2 feet	4 shots
2,668' - 2,672'	4 feet	8 shots
2,710' - 2,712'	2 feet	4 shots
2,735' - 2,739'	4 feet	8 shots
2,751' - 2,753'	2 feet	4 shots
2,804' - 2,806'	2 feet	4 shots
3,391' - 3,393'	2 feet	4 shots
3,418' - 3,420'	2 feet	4 shots
3,428' - 3,430'	2 feet	4 shots
TOTAL	44 feet	88 shots

Note: 7" casing collars are located at 2,311', 2,339', 2,367', 2,400', 2,430', 2,462', 2,491', 2,523', 2,553', 2,586', and 2,615' from Dresser Atlas Sidewall Neutron Gamma Ray Log run 5/5/72. Will need to run Gamma Ray/Collar Locator to correlate perforations below top of liner (2,633').

6. GIH with 7" RTTS-type packer on 2-3/8" work string. Set packer at +2,350'. RU and swab well to clean up perforations.
7. Unseat packer and GIH. Set packer at 2,600'.

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 27 bbls of 2% KCl water.
- Note: 15% acid must contain clay stabilizer.
9. Flow and swab back acid and load water (total volume is 170 bbls).
10. COOH with tubing and packer.
11. GIH with 7" packer-type RBP and 7" RTTS-type packer on tubing. Set RBP at +2,600'. Set packer at +2,590' and test RBP to 1,000 psi. Release packer.
12. Set packer at +2,350'. RU and swab well to lower fluid level in tubing.
13. RU _____ treating company to acidize Grayburg perforations with 3,000 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 2,650 gallons of acid containing one (1) 1.1 s.g. ball sealer in each 50 gallons acid (53 balls total).
 - c. Flush with 20 bbls of 2% KCl water.

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

14. Flow and swab back acid and load water (total load volume 91 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 +2,350' 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 470 psi surface injection pressure.

