Form 3160-5
November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN (Other instructions on reverse side) PLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.: NM 0479142

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Phillips Petroleum Company ✓

AUG 24 1992

O. C. D.
ARTESIA, OFFICE

8. FARM OR LEASE NAME: James E Fed

3. ADDRESS OF OPERATOR: 4001 Penbrook St., Odessa, Texas 79762

9. WELL NO.: 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: Unit B, 500' FNL & 1800' FEL

10. FIELD AND POOL, OR WILDCAT: Cabin Lake (Delaware)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11,T-22-S,R-30-E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
30-015-26254	3181.5' GL	Eddy	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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Squeeze perfs & add perfs	[X]			(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.)*

1. MI & RU DDU. Pull rods and pump.

2. COOH with 2-7/8" production tubing. Clean out to 7450' as necessary.

3. GIH with RBP and RTTS-type packer on 2-7/8" workstring. Set RBP @ +7000'. Set packer above RBP and pressure test RBP to 1000 psi. Dump 2 sx sand on RBP. Reset packer @ +6650'. Load tbg-csg annulus with 2% KCl water and pressure test annulus to 1000 psi. Establish pump-in rate and pressure into perforations 6716'-6910' increasing rates by 1/2 BPM increments (0-3 BPM) not exceeding 800 psi surface pressure. COOH with workstring and packer.

4. GIH with SV EZ drill cement retainer on 2-7/8" workstring. Pump through retainer to ensure tool is open. Set cement retainer @ +6650'. Pressure test workstring to 2000 psi. Re-establish injection rate.

5. Cement squeeze the Delaware perforations 6716'-6910'. Pressure test all lines to 2500 psi. The volume of cement and additives will depend upon pump-in rate and pressure. If the rate is less than 2 BPM at 800 psi, the anticipated procedure is 100 sacks of Class "C" cement containing 0.5% Halad-344 and 0.3% Halad-322 per sack. If the rate is greater than 3 BPM at 800 psi, the anticipated procedure is 100 sacks of Class "C" cement containing 0.5% Halad-322 per sack followed by 100 sx Class "C" cmt with 0.5% Halad-344

(Over)

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

SIGNED: [signature] L. M. Sanders — TITLE: Supervisor, Reg. Affairs — DATE: 8/17/92

915/368-1488

(This space for Federal or State office use)

APPROVED BY: [signature] — TITLE: _____ — DATE: 8-20-92

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

5. Contd.
and 0.3% Halad-322 per sack. Pull uphole with workstring to ±30' above retainer and reverse out excess cement.

6. Drill out retainer and cement. Pressure test casing to 1000 psi.

7. GIH with RBP retrieving tool and RTTS-type packer. Retrieve RBP @ ±7000' and reset RBP @ ±6050'. Set packer above RBP and pressure test RBP to 1000 psi. Dump 2 sacks of sand on RBP.

8. Pull uphole to ±6000'. Pickle 2-7/8" tubing with 300 gallons 15% HCl acid. Displace acid to 6000' with 2% KCl water. Spot 550 gallons 20% acetic acid using 2% KCl water to displace spot.

9. Perforate 5-1/2" casing with 4" casing gun, 1 JSPF, as follows: 5958'-5980' 23 shots

10. Load workstring with 2% KCl water. Pressure acid into Delaware perforations 5958'-5980' with a maximum surface pressure of 3500 psi. Shut-in 30 minutes to allow acid to spend.

11. Swab.

12. Clean out frac sand to ±6050'.

13. Swab back load.

14. Pull uphole to ±5700'. Spot 550 gallons 20% acetic acid.

15. Perforate 5-1/2" casing with 4" casing gun, 1 JSPF, as follows: 5658'-5680' 23 shots

16. Load workstring with 2% KCl water. Pressure acid into Delaware perforations 5658'-5680' with a maximum surface pressure of 3500 psi. Shut-in 30 minutes to allow acid to spend.

17. Swab.

18. Fracture treat the Delaware through perforations 5658'-5680' as follows: Frac Fluid: 26,000 gallons borate x-linked 35 lb gelled 2% KCl water (3% diesel) pad and 2,000 gallons 35 lb gelled 2% KCl water (3% diesel) carrying 11,250 lbs of 20/40 mesh Ottawa Sand and 5000 lbs of 16/30 mesh resin-coated Ottawa Sand.

19. Fracture treat the Delaware through perforations 5958'-5980' as follows: Frac Fluid: 24,000 gallons borate x-linked 35 lb gelled 2% KCl water (3% diesel) pad and 2,550 gallons 35 lb gelled 2% KCl water (3% diesel) carrying 14,500 lbs of 20/40 mesh Ottawa Sand and 6,750 lbs of 16/30 mesh resin-coated Ottawa Sand. Swab back load. Reset RBP to ±6050'. Set packer and test RBP to 1000 psi. Dump 2 sacks sand on RBP. COOH with packer.

20. GIH with 2-7/8", 6.5 lb/ft, J-55 EUE 8rd production tubing. Set tubing @ ±5600', SN at ±5570' and tubing anchor at ±5510' in 17,000 lbs tension. Ensure well is static for 30 minutes. Remove BOP and NU wellhead.

21. GIH with pump and rod string. Place well on production.