

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☒

2. NAME OF OPERATOR PHILLIPS OIL COMPANY, AS successor to General American Oil Co., of Texas by merger 3-8-83

3. ADDRESS OF OPERATOR

Room 401, 4001 Penbrook, Odessa, Tex. 79762

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: Unit N, 1295' FS & 1345' FW lines

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Add Perforations ☐

SUBSEQUENT REPORT OF:

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RECEIVED BY

SEP 26 1983

O. C. D.

ARTESIA, OFFICE

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

8/21/83: MI Monument WSU.

8/22/83: Perf'd 7" csg from 2965' to 2974 w/2 JSPF on spiral phasing total of 18 shots. Sweat construction repaired and enlarged present location. Set safety anchors and frac tanks. Monument WSU set racks and unloaded 3-1/2" treating tbg. Pld 127-5/8" rods and sucker pump. Tagged TD @ 3258' w/2-3/8" tbg. Installed BOP. POOH w/tbg. Prep to run cmt bond log.

8/23/83: Trtd perfs 2965' - 2974' w/1000 gals 20% HCL. Schlumberger ran cmt bond log from 2900' back 2300'. Perf'd 7" csg from 2965' - 2974' w/4" csg gun using DPM w/2 JSPF in spiral phasing. Total 18 shots.

BOP Eqpt: Series 900, 3000# test, double, with one set pipe rams and one set pipe rams, manually operated.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED

W. J. Mueller

TITLE Senior Engineering Specialist

DATE

9/20/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

SEP 23 1983

Checked csg collars @ 2978', 2914' and 2882', OK. All shots fired.

- 8/24/83: BOMONK pipe testers tested 2-3/8" tbg to 5000# while GIH. Insldd HOWCO BP and RTTS pkr on tbg. Set BP @ 2990' and tested to 2000# ok. Broke circ W/55 bbls and circd well until clean W/2% KCL wtr w/clay stabilizers. Spd 250 gals 20% NEFE Hcl across 7" csg perfs 2965' - 2974', 18 holes. Pld pkr to 2845' and set. Instd csg recorder to monitor back side during treatment. Broke formation dwn @ 2200#. Trtd w/750 gals of acid. Flushed w/650 gals of 10# brine w/Biocide. ISIP 1500# max press 3500#, min 3000#. Avg 3200#, AIR 5.6 BPM, Total load 48 bbls. Rel pkr and BP and POOH. WIH w/RTTS pkr on 3-1/2" work tbg. Set pkr @ 2870'.
- 8-25-83: Swbd down to 2800'. Loaded Annulus w/2% KCL water with clay stabilizer. Installed press recorder on csg monitor annulus press during treatment. Treated in 5 stages of 800 gals of 20% NEFE HCl separated w/4 stages of 300# graded rock salt in 10# gelled brine w/Biocide. Flushed w/190 bbls 10# Brine. ISIP 1800#, Max ing. press 2200#, ave 2000#, AIR 5.8 BPM. 240 bbls total load to recover. 5 min SI 1600#, 10 min SI 1500#, 30 min SI 1250#, 60 min SI 950#. Opened well to pit, bled dwn and started swbg. Interval trtd from 2965' to 3265'. Swbd 105 bbls, show of oil and gas.
- 8-26,27, 26th, Swbd 6 hours, dwn to 2840'. Dresser/Titan frac'd from 2965' to 3265' w/ 28-83: 32,000 gals of UAF-311 w/Bioside containing 57,000# of 20/40 mesh sd in 2 stages of 16,000 gals w/28,000# of 20/40 sd separated by 800# rock salt and 400# Napthalene flakes pmpd in saturated brine. ISIP 2200#, max press 3600#, Ave 3000#, AIR 24.7 BPM. Total load to recover. 917 bbls. 5 min SI 1900#, 10 min SI 1800#, 15 min SI 1700#, 30 min SI 1620#. Shut Well In. 27th & 28th, SI 48 hrs.
- 8/29/83: Unseated Howco Rtts pkr, pulled 2-1/2" work tbg and pkr. Checked TD w/SLM, found 115' of fill. Dresser/Titan reverse circ'd well. Broke circ at 80 bbls. CO to 3195' and tbg plugged. Circ large pieces of formation back. Pulled and unplugged tbg.
- 8/30/83: GIH w/BP to spot 10% Acetic Acid across perfs from 2850' to 2500'. PU 6-1/4" bit, bit sub and 3-1/2" tbg. Lagged sand at 3190'. Broke circ and CO well to 3265'. Circ well to clean up and POOH w/bit and tbg. WIH w/Howco BP and Rtts on 3-1/2" tbg. Set BP at 2925' and tested, BP did not hold. Unseated pkr and WIH to ret, BP. BP not at 2925'. Continued to run tbg to tag BP. Ran tbg to 3000'. Pld tbg & pkr. WIH w/ret head to get BP. Tagged BP @ 3200', 65' off btm.
- 8/31/83: PU 7" RBP and Rtts on 3-1/2" work tbg. Set BP at 2906' and tested, ok. Spotted 100# of frac sd on BP. After letting sand fall for 30 min spdtd 15 bbls of 10% acetic acid from 2860' to 2500'. Pulled Rtts and tbg from hole. Schlumberger perf'd as follows: 2533' to 2528', 2535' to 2545', 2614' to 2621', 2653' to 2668', 2678' to 2679', 2687' to 2688', 2695' to 2701', 2790' to 2796', 2804' to 2807', 2813' to 2815'. Total interval perf'd 56'-112 holes, All shots w/4" csg gun at 2 JSPF on spiral phasing. Csg collars were checked at 2822', 2799', 2768', 2739', 2709', 2677', 2645', 2614', 2583', 2552', and 2521'. RD Schlumberger and SD.
- 9/2,3,4, 5/83: 2nd, Frac'd perf's 2653-2815' w/26,000 gals refined oil containing 34,000# 20/40 mesh sand, 18000# 10/20 mesh sand. 3rd, 4th SI. 5th Cardinal Survey Ran Base Log.

9/6/83: Frac'd perf's 2653-2815' w/26,000 gals ref oil w/34,000# 20/40 mesh bulk sand to 18,000# 10/20 mesh sand. After pmpg 11,660 gals containing 17,000# 20/40 mesh sand formation communicated & treatment discontinued, pkr moved f/2633 to 2400' to include perfs 2523-2621'. Annulus pressured to 1000 PSI. Perfs 2523-2815 was trtd w/remaining 40,240 gals of ref oil containing 51,000# 20/40 mesh sand and 27,000# 10/20 sand. Used 120 ball sealers. ISIP 1830#. AIR 18 BPM, AIR, 3800#, 5 min SI, 1740. 10 min 1710, 15 min 1690. RU Cardinal Survey to log determine F/2510-2614'. Major treatment F/2614-2802'. Very minor trtment F/2802-2815'. RD Cardinal.

9/7/83: Washed sand from BP. Ret BP and POOH w/work tbg. Ran 2-3/8" prod. tbg, pmp and rods.

9/8/83: Hooking up pmpg unit.

9/9,10 & 9th, completed hooking up well. Pmpd 14 hrs, no test. 10th, pmpd 24 hrs, 111
11/83: BLO, 20 BW. 11th, pmpd 24 hrs, 88 BLO, 12 BW & gas locked.

9/12/83: Pmpd 24 hrs, 128 BLO, 8 BW.

9/13/83: Pmpd 24 hrs, 110 BLO, 9 BW.

9/14/83: Pmpd 24 hrs, 84 BLO, 11 BW.

9/15/83: Pmpd 24 hrs, 74 BLO, 8 BW.

9/16,17& Pmpd 72 hrs, 269 BLO, 31 BW.
18/83: