

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-061650 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rosa Lee Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

19-21S-38E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

IMPERIAL AMERICAN MANAGEMENT COMPANY

3. ADDRESS OF OPERATOR

215 Mid America Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

660 FNL & 1980 FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3475 GL

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 PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Status Report

(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.)*

See attached well completion summary. Well T/A 4-24-69 pending recompletion study.

NOV

The ownership of this property is in reorganization under Chapter X of the Federal Bankruptcy Act. The Trustee of the corporation has not been able to provide funds for the necessary examination of workover potential. It is anticipated that the company's reorganization will be complete in the latter quarter of 1975 and that funds will then be available to examine the property for workover possibilities and to perform the workover if justified. We request that adequate time be given for this contingency prior to the forced plugging and abandonment of the well. The lease is being held by production from the Rosa Lee Federal Well No. 1, and there is no danger of losing the lease.

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

SIGNED

TITLE

Agent

DATE

10/28/74

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

January 14, 1969

Spudded 13-3/4" hole at 6:30 PM 1-14-69; COOH at 438' in red bed. Vis 33; MW 8.6

Jan. 15, 1969

WOC at 852' in red bed. Ran 24 jts 36#, 9-5/8" csg. Set and cmtd at 852'. Cmtd w/ 400 sx Class "C", 4% CaCl₂ and 100 sx Class "C", 2% CaCl₂. Plug down at 2:30 Am 1-15-69

Jan. 16, 1969

Drilling at 1450' in A, Sa. Dev 3/4 degs at 1345'. Drlg w/brine. Tstd csg w/1000# for 30 min. Held OK

Jan. 17, 1969

Drilling at 2600' in A, Sa. Dev 1-1/4 degs at 1825'; 1-3/4 degs at 2323'. Drlg w/brine.

Jan 18

Drlg at 3030' in A. Dev 1 deg at 2743'. Drlg w/brine

Jan 19

GIH at 3226' in A, Lm. Dev 1 deg at 3143'. Drlg w/brine

Jan 20

Drlg at 3620' in A, lm. Drlg w/brine. Progress 374'. no Dev.

Jan. 21

Drlg at 3950' Lm. Dev 1 deg at 3641'. Drlg w/brine. Dev 3/4 deg at 3776'.

Jan 22

COOH at 4265' in lm. Drlg w/brine

Jan 23

Drlg at 4665' in lm, sd. Dev 1-1/4 degs at 4265'. Drlg w/brine

Jan 24

Drlg at 5020' Lm, sd. Dev 1-1/4 degs at 4980'. Drlg w/brine

Jan 25

Drlg at 5390' in dolo & Lm. Drlg w/brine

Jan 26

Drlg at 5670' in dolo, Lm. Drlg w/brine

Jan 27

Drlg at 5880' in dolo, Lm. Dev 3/4 degs at 5738'. Drlg w/brine

Jan 28

Drlg at 6140' dolo, lm. Dev 3/4 degs at 6065'. Drlg w/brine

Jan 29

COOH at 6420' in dolo, Lm. Drlg w/brine

Jan 30

Drlg at 6650' in Lm. Dev 3/4 degs at 6420'. Drlg w/brine

Jan 31

Drlg 6860' in lm. Dev 3/4 degs at 6725'. Drlg w/brine

Feb. 1

Drlg at 7040' lm. Vis 33; MW 9.9

Feb. 2

Drlg at 7210' Lm. Vis 32; MW 9.9; WL 30. FC 2/32

Feb 3

Drlg at 7410' lm. Dev 1 deg at 7342'. Vis 33; MW 10. WL 25. FC 2/32

Feb 4

Circ for log at 7550' lm, dolo. Made 140'.

Feb 5

At 7550' Lm, dolo. Ran open hole GR-Acoustic log. GIH to drill additional 35'.
MW. 9.9, Vis 34, WL 12

Feb 6

Reached TD of 7585' dolo. Ran 237 jts 7591.01', 7", 26#, N-80 & J-55 Csg. Set and cmtd at 7585'. Cmtd w/300 sx. Class "C", 8% gel 5# salt/sk. and 350 sx Class "C", 2% gel. 3.3# salt/sk, 8# #3 sd/sk and .5% of CFR-2. Preceded cmt. w/125 barrels of brine wtr and 500 gals mud flush. plug down at 8 AM 2-7-69.

Feb 7 to Feb 17

WO Comp. Off report pending availability of pulling unit.

March 3, 1969

RU Lows Pulling Unit Rig #294. Installed tbg head and BOP. Racked 3-1/2" frac. tbg. Laid test lines to frac tanks. SD Overnight.

March 4

Western Co. Perf. Group A, abo formation as follows: 7504', 7494', 73', 68', 65', 61', 58', 52', 49', 45', 26', 22', 7418'. Ran Halliburton RBP and RTTS on 3-1/2" tbg. Set RBP at 7514'. Prep to treat.

March 5

Spotted ac over Group A perfs (7504-7418') Set RTTS at 7347', Ac w/1500 gals 15% NE Ac. Max press 6000#. Treated formation w/6000 gals 28% NE ac, 6000 gals 15% NE ac and 30,000 gals treated wtr. Max. Press 5800#; Min. press 5500#; Avg. inj. rate 11 BPM. ISDP 5000# Started flwg well back to tanks at 11 PM. Flwd 471 BLW/7 hrs. 100% load wtr. Lack 724 BLW. Well still flwg this AM.

March 6

Swbd 11 hrs and rec 99 BF, tr of Oil. Well swbd dry. Shut well in 13 hr. 3600' Fluid in hole. First swab run rec 500' of oil on top. Lack 535 BLW.

March 7

Swbd 57 BF, trc of oil. FL 400' in hole. Lack 478 BLW (Group A Abo) Released RTTS and pulled up to 7200'. Western Co. perf. Group B Abo formation 1 at each of the following depths: 7371', 64', 59', 52', 47', 43', 35', 32', 02', 7286', 83', 75', 69', 62', 59', 57', 62', 41', 7235', set RBP at 7400'. Spotted 200 gals 15% across perfs. (Group B) Set RTTS at 7318'. Brk down perfs B-1 through B-8 at 5300#. Communicated up hole immediately. Re-Set RTTS at 7198'. Ac all group B perfs w/200 gals. 15% NE ac using 25 ball sealers. Had good ball action. Tr all perfs w/6000 gals 28%, 6000 gals 15% and 30,000 gals tr wtr using 13 ball sealers. Max. Press 6300#; min press 5500#; Avg. Inj. rate 16.8 BPM. ISDP 3400#, 15 mins 3150#. Total to rec 1339 BLW. Flwd to tanks. In 11 hrs. rec 223 BLW. Lack 1116 BLW

March 8

In 24 hrs. swbd 390 BLW. Last hr swbd 5 BF, cutting 5% Oil. FL 800' in hole, lack 726 BLW

March 9

Swbd 14 BF, cutting 2% Oil. FL 400' in hole. Re-Set RBP at 7510'. Set RTTS at 7160'. Prep to run temp surv.

March 10, 1969

RU WACO and ran temp. Surv. Survey indicated treatment went hole hole. SD overnight.

March 11

COOH w/RBP and RTTS. Ran Halliburton E-Z drill retainer on 3-1/2" tbg. Set retainer at 7000'. Sqzd all Abo perms w/200 sx. Class "C", 3.3# Sa/sk and 5/10% CFR-2. Pulled out of retainer and reversed out. Max. press 4500#. Pulled 3 stands. Press 2500#. SI overnight.

March 12

Releases press. COOH w/tbg. Ran 6-1/8" bit, 4 4-1/4" drill collars and 7" csg. scraper. Started drilling retainer. Drilled retainer and circ. hole clean. Pulled 3 stands. SD overnight.

March 13

Drilled out cmt at 7380'.

March 14

Drilled out 224' of cmt to 7523'. Circ well clean. Pressure tested to 2500#. Held OK pulled 3 stands. SD due to bad weather.

March 15 to 16

SD for weather

March 17

COOH w/tbg., bit and csg. scraper. Western Co. re-Perf Group A, Abo formation as follows: 7419', 21', 25', 45', 49', 51', 57', 60', 66', 69', 74, 95', 7506'. Went in hole w/RBP and RTTS. Set RTTS at 5514'. Prep to treat.

March 18 69

Spotted 200 gals 15% NE acid on Group A, Abo formation. Set pkr @ 7402'. Acidized w/1500 gals 15% NE acid. Communicated up hole to squeezed off perms. Re-set RTTS @ 7047'. Western Company perf. Group B & C Abo perms. as follows: 7234', 42', 53', 56', 60', 63', 70', 74', 82', 87', 7303', 33', 36', 42', 46', 51', 60', 63', & 7372'. Treated Group A, B & C perms w/8000 gals 28% acid, 8000 gals 15% acid and 43,000 gals treated water using 50 ball sealers. Had good ball action. Max. treating press 6500#; Min. treating press. 5800#; Avg. inj. rate 17-1/2 BPM. ISDP 4100#, 15 mins 3500#. Total load 1630 bbls. Flwd to tanks. In 10 hrs flwd 250 BLW. This AM flwg. 28 BPH. All load water.

19 March 69

Flwd and swbd 583 bbls/24 hours. Had trace of oil on last hr. 1200' fluid in hole, very little gas. Lack 846 BLW.

20 March 69

Swbd 134 BF/12 hours, cutting 1% oil. 600' fluid in hole. SD 12 hours. 3500' fluid in hole. Lack 712 BLW.

21 March 69

Swbd 12 hours and rec 146 BF w/trace of oil. 800' fluid in hole. SI 12 hours. Found 3000' fluid in hole. Lack 566 BLW.

22 March 69

Swbd 24 hours and rec 144 BF, cutting 10% oil. 500' fluid in hole. Small amount of gas. Swbd 3 barrels last hr. Lack 422 BLW.

23 March 69

Swbd 12 BF/4 hours, cutting 5% oil. Released RTTS. Retrieved RBP. COOH. WIH w/ Halliburton retainer on 3-1/2" tbg. Set retainer @ 7130'. Squeezed all Abo perms w/200 sx Class "C", 3.3# salt/sk and 1/2 of 1% CFR-2. Max. press 4500#. Reversed out 3 barrels of cmt. Pulled 3 stands. SD overnight.

24 March 69

COOH w/3-1/2" frac. tbg. Western Company perf. Group C, Blinbry formation as follows: 6234', 48', 66', 92', 98', 6314', 20', 52', 57', 64', 6374', 82', 96', 6411', 22', 36', 46', 70' (18 holes) Lost perf. gun on 1st run. RAn fishing on 2 jts 2" tbg w/jars on sand line. Caught fish and pulled. Ran RBP & RTTS on 3-1/2" tbg. Set RBP @ 6488'. Spotted 360 gals 15% NE acid. Set RTTS @ 6165'. Broke formation @ 2150#. Acidized w/2000 gals 15% NE acid using 24 ball sealers. Very little ball action. Avg. treating press 2000#. Inj. rate 4 BPM. ISDP 1900#. Frac. w/40,000 gals gelled Mod brine + 78,000# 20-40 sd using 12 ball sealers. Very good ball action. Min. press 3600#; Max. press 4800#; Avg. press 4100#; Avg. inj. rate 23.8 BPM. ISDP 2400#, 11 mins 2050#. Total load 1248 barrels. Flwd back 106 BF/6 hours, 100% load water. Lack 1142 BLW.

25 March 69

In 24 hours swbd and flwd 559 BF, 100% load water. 3500' fluid in hole. Lack 583 BLW to recover.

26 March 69

Swbd 10 hours and rec. 182 BLW. No shows of oil or gas. Well swbd dry. SD overnight. Lack 401 BLW.

27 March 69

Swbd 61 BF/3 hours and rec. 100% water with no shows of oil or gas. Released RTTS, Washed and circ. 90' sd. off RBP. Could not retrieve RBP. COOH. Found retrieving head full of cmt and sd. Prep to run wash over sho and cleaned off top of RBP.'

28 March 69

Ran mill. Drilled and circ. cmt. from around fishing neck on RBP. COOH. Western Company perf. Group D Blinbry formation as follows: 6207', 6200', 6194', 86', 80', 72', 61', 58', 46', 38', 26', 07', 6098', 88', 76', 69', 64', 41', 28', 08', 5988', 73', & 5966'. (23 holes). WIH w/RTTS. Re-set RBP @ 6214'. Spotted 300 gals 15% NE acid across perms. Set RTTS @ 5900'. Broke down formation @ 2000#. Acidized w/2000 gals 15% NE acid using 25 ball sealers. Had fair ball action. Avg. treating press. 2000#; ISIP 1800#. Lack 147 barrels. Swbd 14 hours and rec 145 BLW, no shows. Well swbd dry.

29 March 69

Swbd 14 BF, 100% load water. Well swbd dry. Rec. 13 barrels over load. Waco ran temperature survey. SD overnight.

30 March 69

SD WOO

31 March 69

Released RTTS & RBP. Re-set RBP @ 6480'. Set RTTS @ 6215'. Swbd 234 BF/20 hrs. Swbd 5 BF last hr, no shows of oil or gas. Swbd dry. Waited 1 hour. Had 1000' fluid entry.

1 April 69

Released RTTS & RBP. Set RBP @ 6220'. Set RTTS @ 6020'. Swbd 6 hours and rec 50 BF, 100% water. No shows of oil or gas. Swbd dry. Prep to squeeze.

2 April 69

Released RTTS & RBP. COOH. WIH w/Halliburton cmt. retainer on 3-1/2" tbg. Set retainer @ 5930'. Squeezed all Blinbry perms w/200 sx Class "C" Incor w/2% gel, 3.3# salt/sk and 1/2 of 1% CFR-2. Did not get squeeze. Cleaned perms. Reversed out tbg. Latched back into retainer and SD 4 hours. Pmpd 140 sx Class "C" Incor, 3.3# salt/sk, 2% gel and 1/4 of 1% CFR-2. Obtained standing squeeze 5000#. Reversed out 1-1/2 barrel of cmt. Pulled 3 stands. SD WOC.

3 April 69

COOH w/Halliburton setting tool. WIH w/6-1/8" bit, csg scraper and 4 drill collars to 5900'. SD overnight.

4 April 69

Tagged cmt @ 5928'. Drilled out retainer and 346' cmt in 20 hours.

5 April 69

Finished drilling out cmt @ 6475'. WIH to 7130' and tagged top w/plug. Circ. hole clean. SD overnight.

6 April 69

COOH. Changed out bit and csg. scraper. Went back in hole to 7130'. Prep to drill out.

7 April 69

Drilled out Halliburton E-Z drill retainer and 363' cmt. Circ. well clean. Press. up on csg. to 2500# for 15 mins. Held OK. Pulled 32 stands 3-1/2" frac. tbg.

8 April 69

Finished COOH w/frac. tbg. Laid down drill collars and bit. RU Western Company and perf. Group A, Abo formation as follows: 7469', 67', 59', 53', 50', 48', 45', 25', 23', 19', & 7417'. (11 holes) Perf. Group B, Abo formation as follows: 7372', 63', 60', 51', 49', 47', 43', 41', 37', & 7334'. (10 holes) Perf. Group C, Abo formation as follows: 7289', 87', 72', 70', 68', 63', 59', 56', 54', & 7252'. (10 holes). WIH w/Halliburton RBP and RTTS. Set RBP @ 7514'. Western Company treated each group w/1000 gals 15% acid. and 4000 gals Abo special as follows: Spotted acid across Group A perms. Set RTTS @ 7400'. Formation took fluid @ 6900#. Started 7000 gal pad. Put away all of pad. Started 2000 gals 28% acid then 2000 gals 15% acid. Communicated from Group A perms to Group B perms. Released press. Moved RTTS up hole to 7186', above Group C zone. Started 500 gals 15% acid down tbg. Then 3000 gals slick water. Started 24 barrels brine water w/2000# rock salt followed w/1000 gals 15% acid. Started 7000 gal pad; salt on formation. Pmpg in @ 7100# @ 2 BPM. Put away pad. Started 2000 gals 28% acid, then 2000 gals 15% acid and 7000 gal pad; salt on formation. Built up from 5600# to 6900#. Then started 2000 gals 28% acid, then 2000 gals 15% acid and 3000 gals over flush and 70 barrels flush. ISDP 3600#, 15 mins 3400#. Avg. treating press. 6400#; Avg. inj. rate 12.3 BPM. Total load to rec 1264 bbls. Rec. 320 BLW/9 hours. Flwg to tanks.

9 April 69

Flwd and swbd 280 BF/24 hrs. Swbd 9 BF last hr w/trace of oil. Small amount of gas. 900' fluid in hole. Lack 664 BLW.

10 April 69

Swbd 120 BF/11 hours., cutting 1% oil. 500' fluid in hole. SD 12 hours. Found 1800' fluid in hole. Rec 2 BO on top of first swab run. 544 BLW left to recover.

11 April 69

Swbd 11 hours and rec. 57 BF, cutting 1% oil. Swbd dry. SD 12 hrs. Found 1800' fluid in hole. Lack 487 BLW to rec.

12 April 69

Swbd 2 hrs and rec. 12 BF, cutting 1% oil. Released RTTS, Circ. sd off RBP. COOH with RBP and RTTS. WIH w/Halliburton retainer on 3-1/2" tbg. Set retainer @ 7120'. Squeezed Abo perms with 300 sx of Class 'C', 3.3# salt/sk and 5/10% of CFR-2. Squeeze press. 5500#. Reversed out 10 sx cmt. Pulled 3 stands and press. up 2500#. SD

13 April 69

SD WOO

14 April 69

COOH. Western Company perf. Group A, Drinkard formation as follows: 7076-1/2', 7062', 56', 09', 7003', 6996', 89', 81', 76', 72', 69', & 6964'. (12 holes) WIH w/RBP & RTTS. SD

15 April 69

Testing - Set RBP @ 7095'. Spotted 250 gals 15% NEFE acid. Set RTTS @ 7049'. Broke down formation and communicated. Re-set RTTS @ 6929'. Acidized w/1500 gals 15% NEFE acid using 18 ball sealers. Balled out. Released balls off perms. Frac. w/15,000 gals of gel mod brine and 14,500# 20-40 sd using 3 ball sealers. Screened out @ 13,000 gals Displaced @ 2 BPM. Max. press 7350#; Avg. press 5700#; Avg. inj. rate 15.8 BPM. ISIP 3900#, 10 mins 3550#. Total load 547 barrels. Flwd 360 barrels to tanks overnight. Lack 187 BLW to recover.

16 April 69

Western Company perf. Group B, Drinkard formation as follows: 6933', 28', 25', 18', 12', 05', 6900', 6895', 91', 84', 80', 76', 74', & 6869'. (14 holes) Reversed sand off RBP and set @ 6950'. Tested bridge plug, would not hold. Moved to blank pipe. Would not hole. Came out of hole. Changed RBP and went back in hole. Set RBP @ 6950'. Tested OK. Spotted 250 gals 15% NEFE acid. Broke down formation @ 2600#. Acidized with 1500 gals 15% NEFE acid using 20 ball sealers. Balled out. Reversed out frac. balls. Started 15,000 gal frac. Screened out 11,000 gals. Got 17,000 sd in frac. Displaced 2 BPM. Max. press 7500#; Min. press 5650#; Avg. press 5900#; Avg. inj. rate 17.4 BPM. ISDP 3300#, 10 mins 3000#. Total load 490 BLW. Flwd to tanks overnight.

17 April 69

Western Company perforated Group C, Drinkard formation as follows: 6834', 32', 24', 21', 19', 10', 06', 6798', 94', 89', 83', & 6780'. (20 holes) Washed sand off RBP. Re-set RBP @ 6855'. Spotted 250 gals 15% NEFE acid. Set RTTS @ 6710'. Broke down formation @ 2200#. Acidized w/1500 gals 15% NEFE acid and 18 ball sealers. Balled out. Released balls off perms. Frac. w/15,000 gals gel mod brine and 20,000# 20-40 sd. Max. pressure 5800#; Min. pressure @ 5400#; Avg. press 5600#; Avg. inj. rate. 17.9 BPM. ISDP 3700#, 15 mins 3050#. Total load this treatment 593 BLW. Flwd to tanks overnight. Recovered 308 BLW. Lack 285 BLW to recover.

18 April 69

Washed sd. off RBP. Re-set RBP @ 7080'. Set RTTS @ 6740'. Swbd. all Drinkard perms. Rec. 211 BF w/trace of oil/24 hrs. Slight show of gas. Swbg. 5 to 8 BFPH. Lack 557 BLW.

19 April 69

Swbd. 81 BF/24 hrs. Trace of oil, slight show of gas. Swbg. 2 BFPH. Lack 476 BLW.

20 April 69

Swbd 8 BF/3 hrs. SD

21 April 69

FL 4000' FS. After SI overnight. Swbd 52 BF/11 hrs, trace of oil and gas. Swbg 1-1/2 to 2 BPH.

22 April 69

COOH w/RBP & RTTS. WIH w/Halliburton E-Z drill retainer. Set @ 6763'. Squeezed Drinkard perms w/200 sx Class "C" cmt, 3.3# salt/sk and 5/10 of 1% CFR-2. Squeezed @ 4000'. Reversed out 1 barrel of cmt. Pulled 3 stands. Pressured up to 2500#. SD Overnight.

23 April 69

Released pressure and came out of hole. Western Company perforated Tubb zone, Group H & I as follows: 6743', 32', 28', 20', 08', 04', 6696', 90', 62', 60', 56', 52', 44', 38', 33', 24', 21', 14', 05', 6598', 93', 90', 88', 76', 73', 68', 63', & 6558'. Acidized Group H. Broke formation @ 3000#. Pmpd 750 gals 15% NEFE acid and communicated to Group I. Re-set RTTS @ 6500'. Acidized Group H & I with a total of 3000 gals NEFE acid using 25 ball sealers in 5 stages. Had fair ball action on last stage of balls. Max. press 3800#. Min. press 3000#; Avg. press 3200#; Avg. inj. rate 3.6 BPM. ISDP 2750#. Total load 215 BLW. Swbd 71 BF/8 hrs. 250' fluid in hole. Swbg 2 BPH. Tbg. on vacuum after each run. Lack 149 BLW.

24 April 69

Swbd 3-1/2 hours. Rec 2-1/2 BF, 100% water. Retrieved RBP. COOH laying down 3-1/2" tbg. Released pulling unit. Temporarily Abandoned.