Submit 3 Copies to Appropriate District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O.Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 30-045-11310

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Sullivan Gas Com

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: AMOCO PRODUCTION COMPANY Attention: Mike Curry

8. Well No. 1

3. Address of Operator: P.O. Box 800 Denver Colorado 80201

9. Pool name or Wildcat: Blanco Mesaverde

4. Well Location
Unit Letter M : 935 Feet From The South Line and 1125 Feet From The West Line
Section 22 Township 32N Range 10W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5892'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Bradenhead Repair ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Please see attached.

RECEIVED
JUL 15 1993
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Curry TITLE Business Analyst DATE 7-13-93

TYPE OR PRINT NAME Mike Curry TELEPHONE NO. (303) 830-4075

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 15 1993

CONDITIONS OF APPROVAL, IF ANY:

MIRSU and equip. Press tst csg; SITP 340 psi , SICP 330 psi, SI Bradenhd 95 psi. BLDWN to tank & KW w/ 45 BW (KCL). NDWH & ND tbg hgr hd. PU on tbg hgr hd & tbg to chng out tbg hgr hd. NU BOP tst to 1500 psi, OK! TOH w/ 994' of tbg; tbg parted at 994' . Fish in hole @ 4176'. SI. BLWDN & KW w/ 45 bbls KCL. TIH to 882'. TOH & LD old tbg. TIH w/ OS & tbg. Tag fish @ 994' & TOH. LD 5167' of tbg. SI.

BLWDN & KW w/ 45 bbls KCL. TIH w/ bit & scr to 4460'. PU new tbg strg. TOH. TIH w/ bit & scr to 4590'. TOH. TIH w/ BP & pkr. Set BP @ 4530'. TOH w/ pkr set @ 4500'. Tst BP to 1500 psi, OK! Spot sd on BP. SI. TOH w/ pkr set @ 4500' to 4438'. Circ well w/ 180 bbls KCL. Tst csg, lnr top & BP to 1000 psi, OK! TOH w/ pkr & tbg. Run CBL from 3050' to surf w/ 1000 psi on csg. Cmt top @ 1850'. SI. Log w/ Petro noise log fr 1920' to surf.

Perf & Cmt Sqz: Perf w/ Petro 4 SPF @ 1250'. Sqz rate set @ 3 BPM, 900 psi, no circ to surf. TIH, set pkr @ 726'. Tst Ann to 500 psi, OK! Cmt sqz w/ 185 sx cmt w/ .3% Halad 344, .2% Super CBL, & 5% Cal Seal. Displace w/ 18 bbls KCL to 1000'. SI w/ 1000 psi on sqz. Did not circ cmt to surf. Bradenhd flwd the same rate after sqz. Rls pkr @ 726'. TOH. TIH w/ bit & scr & tbg. Tag cmt @ 1130' & DOC @ 1319'. Circ hole cln. Press tst csg to 500 psi and perfs @ 1250'. Csg lkd off fr 500 psi to 380 psi in 15 min, 345 psi in 30 min, 320 psi in 45 min.

TIH fr 1000' w/ bit, scr to 1630'. TOH. TIH w/ pkr set @ 1426'. Tst tbg, csg, lnr, & BP to 1000' psi, OK! Tst Ann to 500 psi, lkd off. No tst. TOH to 1280'. Tst tbg to 1000 psi, OK! Tst Ann to 500 psi, lkd off. Rls SI psi. TOH to 1226'. Set pkr. Tst Ann to 1000 psi, OK! Tst tbg to 500 psi, lkd off. Csg lk 1226' to 1280'. Rls pkr. TOH. TIH open ended to 1301'. Spot 40 sx cmt w/ .3% Halad 344, 5% Cas Seal. Spot cmt 1301' to 1085'. TOH. Sqz csg lk 1226' to 1280' to 1000 psi. Put away 1.5 bbls cmt. Displace to 1130'. SI w/ 1000 psi on sqz. SI, WOC. Fin TOH from 187'. Run CBL fr 2000' to surf. Cmt top @ 300'. Perf 2 SPF @ 280'. Set rate 2.5 BPM, 150 psi. Run dye tst. Pmpd 30 bbls KCL to circ dye to surf. Circ & cln hole for 3.5 hrs. TIH & set pkr @ 30'. Tst Ann to 500 psi, OK! RU Howco & set rate 4 BPM, 100 psi. Cmt w/ 165 sx B Neat w/ .3% Halad 344, .2% Super CBL, and 5% Cal Seal. Circ 10 bbls of gd cmt to surf. Open Bradenhd, no flw. Rls SI psi on Ann. TOH w/ pkr fr 30'. TIH w/ bit & scr and Tag cmt @ 180'. DOC to 210' & circ hole cln . TOH to 180'. SI. WOC. TIH from 180' & Tag cmt @ 210'. DOC to 225' & circ hole cln. TOH to 180'. SI. WOC. TIH fr 180' w/ bit & scr to Tag cmt @ 225'. DOC @ 300' & circ hole cln. Tst csg to 500 psi, Lkd off to 340 psi in 30 min. TOH. TIH w/ pkr set @ 379' Tst tbg, csg, lnr top & BP to 500 psi, OK! TOH to 316'. Tst tbg to 500 psi, lkd off. Tst Ann to 599 psi, OK! Isolate lk to 316' to 253'. TOH. TIH w/ open ended tbg to 316'. Spot 25 sx cmt w/ .8% Halad 322, 5% Cal Seal from 316' to 181'. Displace w/ .5 bbls KCL. TOH. Sqz .75 bbls of cmt to 700 psi into perfs @ 280'. SI w/ 700 psi on sqz, WOC. TIH w/ bit & scr. Tag cmt @ 217', DOC to 247' & circ hole cln. TOH to 217'. SI, WOC. TIH fr 217'. Tag cmt @ 247', DOC @ 320' & circ hole cln. Press tst wlbr to 500 psi for 30 min, OK! TIH to 700'. Circ cln. TOH, LD DC scr & bit. NDBOP &WH. Weld csg extn for sec pack off. NU BOP & WH. Tst to 1500 psi, OK! Tst wlbr to 500 psi for 30 min, OK! SI. TIH w/ ret hd. Tag sd @ 4520'. Circ well cln of sd w/ 2% KCL. Latch onto BP set @ 4530' TOH w/ BP. TIH w/ mule shoe, 1 jt tbg, seating nipple & tbg. Ld @ 5156'. Bot perf 5157'. NDBOP-NUWH. SI well and RDSU.

MIRUSU, S&F well. Plgd tbg strg. MIRU equip to BLWDN & KW w/ 120 bbls KCL. NDWH & NUBOP. TOH w/ tbg strg. Had trace of drlg mud on last 8 stds. SI. BLWDN & TIH w/ tbg to 4400'. RU Howco. Cln out w/ N2 & foam to PBD of 5178'. TOH & LD strg flt. TIH, Ld tbg @ 5156. SI. Lifted KCL, Oil, w/ trace of drlg mud.

S&F well. FFCP 200 psi, FFTP 22 psi , SI Bradenhd 0 psi. SI well & RDMOSU.

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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

P.O.Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 3004511310

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Sullivan Gas Com

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: AMOCO PRODUCTION COMPANY Attention: Pat Archuleta

8. Well No. #1

P.O. Box 800 Denver Colorado 80201 303-830-5217

9. Pool name or Wildcat: Blanco Mesaverde

4. Well Location
Unit Letter M : 935 Feet From The S NORTH Line and 1125 Feet From The WEST Line

Section 22 Township 32N Range 10W NMPM SAN JUAN County

10. Elevation *(Show whether DF, RKB, RT, GR, etc.)*

11. Check Appropriate Box to Indicate Nature of Notice Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Repair ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

Amoco Production Company requests permission to perf and frac (to add pay) this well per the attached procedures.

If you have any technicla questions contact Steve Webb at (303) 830-4206.

RECEIVED
MAY - 2 1997
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Pat Archuleta TITLE Staff Assistant DATE 04-28-1997

TYPE OR PRINT NAME Pat Archuleta TELEPHONE NO. 303-830-5217

(This space for State

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY - 2 1997

CONDITIONS OF APPROVAL, IF ANY:

[illegible]

[illegible] and broaden [illegible]

[illegible] and tag bu[illegible] [illegible] to plug

[illegible] work well hor[illegible] [illegible] to work well [illegible]

[illegible]

[illegible] RU HES wireline [illegible]

[illegible] fie into Schlum[illegible]

[illegible] w GR CCL [illegible]

[illegible] Me[illegible] shots @ 4736', [illegible]

[illegible] 4996' (pull to set 1)

[illegible] 2/8 tubing acro[illegible]

[illegible]

[illegible] w 500 gal / [illegible]

[illegible]

[illegible] w [illegible] b ask [illegible] FIH x set [illegible]

[illegible] ep well for frac

[illegible] co ling to Mers[illegible]

[illegible]

[illegible] frac equip[illegible]

[illegible] a 1/2" choke o[illegible]

[illegible] TI with 2 3/8" [illegible]

[illegible] PU TD TOOH

[illegible] 2 nule shoe and SN [illegible]

[illegible] equipment and [illegible]

[illegible] *as contact*

[illegible]

[illegible]

Sullivan GC #1
Initial Completion 7/54
GL = 5892', DF = 5904'
TD = 5224', PBTD = 5178'

1. Check and record tubing, casing and bradenhead pressures. Lower TBG, if possible (2 3/8" TSA 5156' w/SN 1 jt off bttm), and tag bottom. Tally out of hole. **Note: Check for plunger before MIRUSU. Attempt to work well hot; use kill fluid only if needed to work well safely.** TOOH w/ tubing.
2. TIH with BxS to PBD, TOH. RU HES wireline. TIH with GR/CCL/CBL. Contact Denver with CBL results. TIH w/ CIBP. Tie into Schlumberger GR/N dated 6/26/54 for depth control and set BP at 4970'. TOH. TIH with GR-CCL-3 1/8" HCP (w/0.29-0.30" EHD) csg gun and perforate the Menefee with 1 shots @ 4738', 4767', 4802', 4806', 4840', 4847', 4898', 4903', 4909', 4914', 4938' (total shots=11).
3. TIH w/ tapered frac string (2 3/8" tubing across the CH interval) x packer. Pressure test BP. Set packer at 4710'.
4. Break down and ball off perfs with 500 gal 7 1/2% Fe-HCl and 17 1.1 s.g. RCN balls.
5. TOOH w/ tbg x pkr.
6. Retrieve balls with WL junk basket. TIH x set DTTS at 4710'.
7. TIH w/ tapered frac string. Prep well for frac.
8. MI frac equipment and frac according to Menefee schedule (75 M# 16/30 Az sand, 22.1 Mgal water, 70.4 Mgal 70Q foam).
9. Flowback immediately (as soon as frac equipment is rigged down) on a 1/4" choke for the first four hours and then on a 1/2" choke overnight.
10. TOOH w/ frac string. PU and TIH with 2 3/8" tbg x mill. Drill out DTTS. Clean out fill across MN. Drill out CIBP. Clean out to PBTD. TOOH.
11. TIH with 2 3/8" TBG with 1/2 mule shoe and SN 1 joint off bottom. Land tbg at 5050-60'.
12. Tie well back into surface equipment and turn over to production.

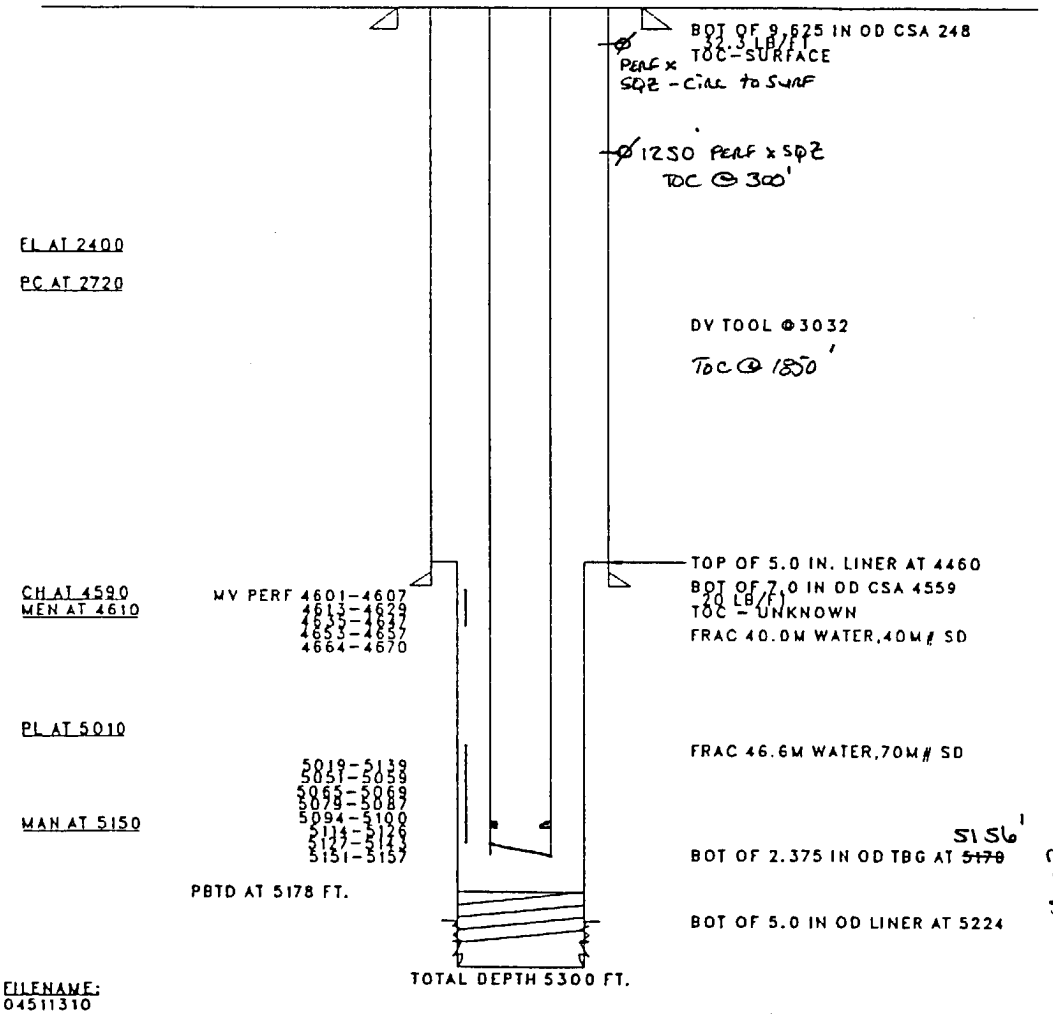
If problems are encountered, please contact:

Steve Webb

H--(303)488-9824
W-(303)830-4206
P--(303)612-3619

WI: APC: 56.46875%
Williams: 7.83565%
Phillips: 35.6956%

SULLIVAN GAS COM #1
Location – 22M – 32N – 10W
Blanco Mesaverde
Orig. Completion – 7/54
LAST FILE UPDATE – 4/93 BY CSW
GR 5892



FILENAME:
04511310

4/61 RAN 5" LINER

ZCSW10 DEN213 04/13/93 08:27:0

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
AMOCO PRODUCTION COMPANY	Sullivan Gas Com	1

Unit Letter	Section	Township	Range	County
M	22	32-N	10-W	San Juan

Actual Footage Location of Well: 935 feet from the South line and 1125 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
5892' GL	Mesaverde	Blanco Mesaverde	318.85 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

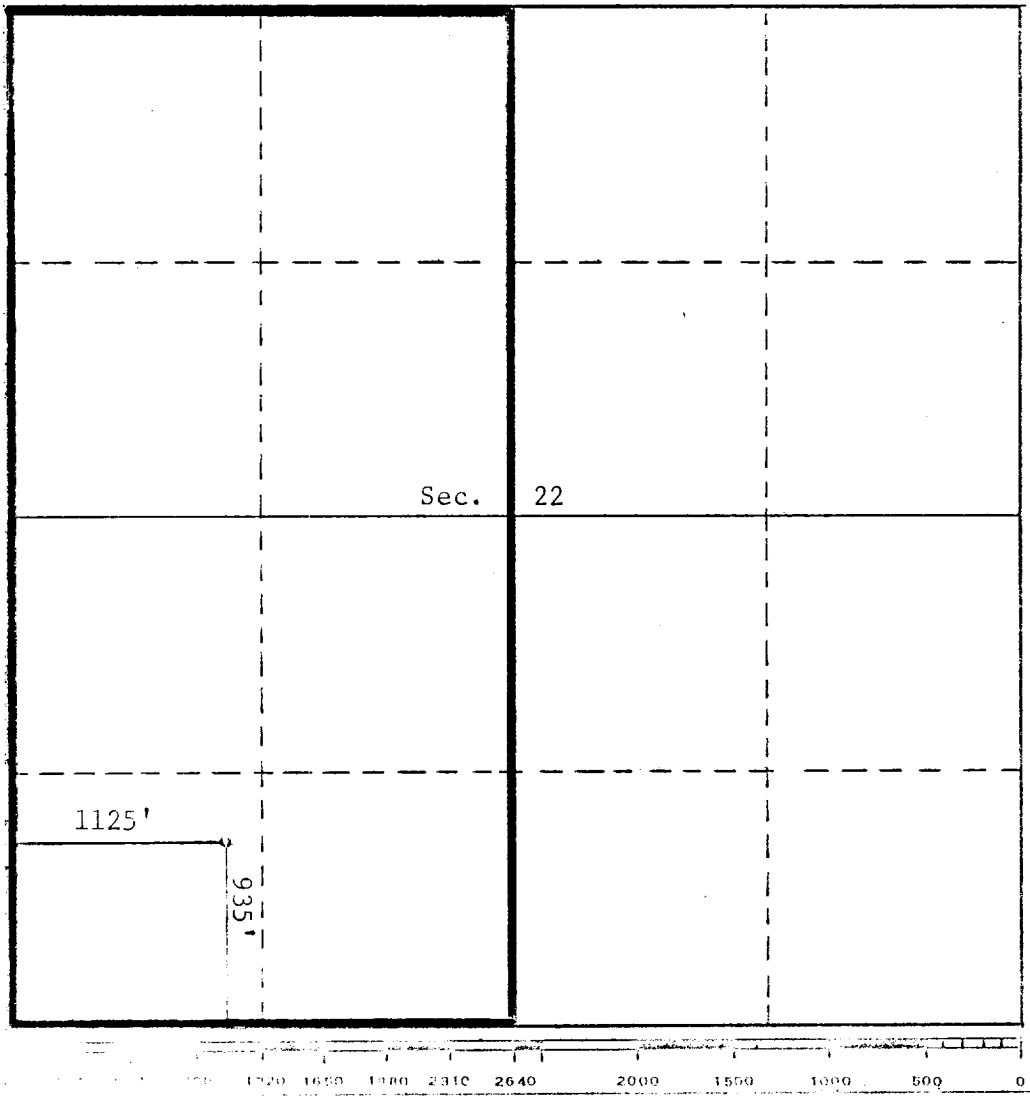
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

RECEIVED
FEB 6 1973
OIL CON. COM.
DIST. 3



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed by
J. ARNOLD SNELL

Name: J. Arnold Snell

Position: Area Engineer

Company: AMOCO PRODUCTION COMPANY

Date: February 1, 1973

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: March 27, 1954

Registered Professional Engineer and/or Land Surveyor

Original Signed By:
James P. Leese

Certificate No. 1463