Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
SF-078459

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
San Juan 32-7 Unit

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SJ 32-7 Unit #44

2. Name of Operator
Phillips Petroleum Company

9. API Well No.
30-045-21329

3. Address and Telephone No.
5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

10. Field and Pool, or exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1150' FSL & 1800' FWL
Section 22, T32N, R7W

11. County or Parish, State
San Juan, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Plug DK & Compl PC	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

RECEIVED
MAY 20 1998
OIL CON. DIV.
DIST. 3

13. 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.)*

Plans are to plug back the Dakota zone in subject well and recomplete as a Pictured Cliffs well. Plans are to MIRU. ND WH & NU BOP. Kill well. COOH w/1-1/2" tbg. Cleanout to PBTD. RIH w/4-1/2" cement retainer & set @ 7950'. PT casing. COOH. Run GR/CBL-CCl from 7950-surf. Record TOC. If OK'd by BLM continue by ~~RIH w/3 CIBP, set @ 6150', 5250' and 3650' respectively.~~ ND BOP & NU frac head. Perforate PC interval .32" holes on 4-1/2" casing and .20" holes on 7" as follows: See attached

3429', 3525', 3515', 3505', 3496', 3478', 3467', 3464', 3457', 3452', 3404', 3400', 3391', 3384', 3374', 3370', 3362', 3346', 3342', 3339', 3335', Total 21 holes

Acidize perfs w/882 gal 15% HCL & ballsealers. Frac w/60 Quality N2 X-link foam w/100,000 # 20/40 Brady sand. Flow back till cleaned out. RIH w/1-1/2" Production tubing. Cleanout fill w/air. Land tubing @ +/-3450'. ND BOP. NU WH. Pump off check. RD & release rig.

See attached Pictured Cliffs plat as well as our procedure and wellbore schematic.

14. I hereby certify that the foregoing is true and correct
Signed Patsy Clugston Title Regulatory Assistant Date 5-13-98

(This space for Federal or State office use)
Approved by /S/ Duane W. Spencer Title _____ Date MAY 18 1998
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED 98 MAY 14 AM 10:53 070 Farmington, NM

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-21329	80690	South Los Pinos Fruitland Sands PC

[4] Property Code	[5] Property Name	[6] Well Number
009260	San Juan 32-7 Unit	44

[7] OGRID No.	[8] Operator Name	[9] Elevation
017654	Phillips Petroleum Company	6547

[10] Surface Location

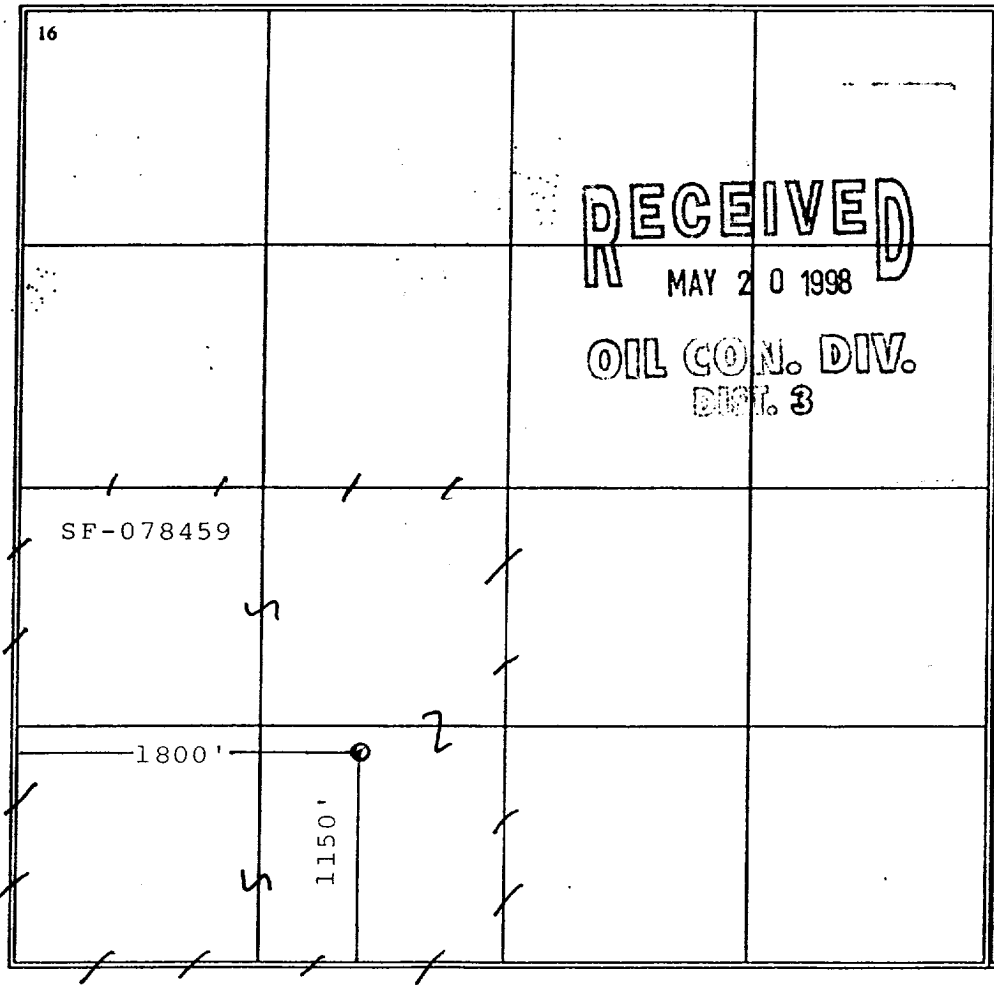
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	22	32N	7W		1150	South	1800	West	San Juan

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160 acres	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

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

Patsy Clugston
Signature
Patsy Clugston
Printed Name
Regulatory Assistant
Title
May 13, 1998
Date

[18] SURVEYOR CERTIFICATION

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 belief.

Date of Survey

Signature and Seal of Professional Surveyer:

Original notary dated 8/4/73

Certificate Number

San Juan 32-7 # 44 (SW/4 Sec 22-T32N-R07W)
Procedure: Abandon Dakota. Recomplete to Pictured Cliffs.

4-1/2" 11.6# & 10.5# K-55 Casing @ 8211'
1-1/2" 2.9# J-55 10rd EUE tubing (248 jts, EOT @ **8026'**)
1.43" ID F-nipple @ 7994' (one jt up)
Dakota Perforations 8042'-8047', 8079'-8084', 8088'-8093', 8100', 8138', 8156' (37 holes)
PBTD: 8203'

Ensure Well has been Locked and Tagged Out per PPCo. Safety Manual.

1. Notify BLM and NMOCD of plugging operation. Record Tubing, Casing, Intermediate, and bradenhead pressures. RU wireline. Set 1-1/2" blanking plug in F-nipple @ 7994'. RD wireline.

2. MIRU Big A workover rig. **Hold Safety Meeting.** (Note upper tree section will not allow BPV to be installed). Record Tubing, Casing, Intermediate, and bradenhead pressures. Spot all auxiliary equipment and floats to handle tubulars. Blow down tubing, production casing, and intermediate casing. ND WH. NU 3000 psi BOP w/ divertor spool, single pipe ram, single blind ram, 4-1/2" single ram BOP, and stripping head. (4-1/2" rams necessary due to possibility of pulling 4-1/2" casing). Kill Well as necessary.

3. Unseat 1-1/2" Tubing. COOH with 248 joints of 1-1/2" 2.9# 10rd EUE tubing. Lay down tubing on Float. Standback 3600' of tubing in derrick for production string.

4. PU 3-7/8" bit and scraper on 2-3/8" Workstring. GIH on 2-3/8". Tag Fill or PBTD @ 8203'. COOH w/ bit and scraper.

5. PU 4-1/2" cement retainer on 2-3/8". GIH w/ retainer. Set retainer at 7950'. Load tubing and 4-1/2" casing w/KCl water. Pressure test Tubing to 3500 psi, pressure test casing to 500 psi. Hold Casing PT for 30 min. Monitor intermediate casing for flow or pressure build-up. Load intermediate casing with KCl Water. PT Intermediate casing to 500 psi. **Notify Office with results of Pressure Test.**

6. Sting out of retainer. COOH with setting tool. NOTE: No cement to be placed in Dakota Interval.

7. RU Blue Jet. RIH w/ GR-CBL-CCL. Log well from 7950' to Surface with 250 psi on casing. Verify cement integrity behind 4-1/2" casing. Record TOC cement overlap into 7" intermediate casing. Temperature Survey indicates TOC @ 2910'. **Notify Office with results of Cement Bond Log.**

8. After Office and BLM approval, GIH w/ 2-3/8", COOH laying down 2-3/8" work tubing string.

9. Based upon good cement integrity, RU wireline. ~~RIH w/ wireline set 4-1/2" CIBP. Set CIBP above Niobrara formation @ 6150'. POOH. RIH w/ wireline set 4-1/2" CIBP. Set CIBP above Cliffhouse @ 5250'. POOH. RIH w/ wireline set 4-1/2" CIBP. Set CIBP @ 3650' above Lewis. NOTE: No cement to be placed inside casing as permanent isolation, only CIBPs.~~ Place 500 psi on intermediate Casing.

10. ND BOP. NU 7-1/16" 5000 psi frac valve on top of Tubing head. NU Frac Immediate Flow Back Assembly. Test secondary seals. Pressure Test 4-1/2" Casing String, WH, & Frac Equip to 3000 psi.

11. Place 500 psi on intermediate casing. Hold and monitor during perforating operations. **Correlate with Open Hole Schlumberger GR-DENS log run 9-10-73.** Perforate Pictured Cliffs formation bottom-up under a packoff as follows with select fire 3-1/8" HSC gun, Owen 302 charges 0.32" dia hole in 4-1/2" and 0.20" dia hole in 7". *Note Perforating through both the 4-1/2" and 7" casing strings with associated cement:*

3529'	3525'	3515'	3505'	3496'	3478'
3467'	3464'	3457'	3452'	3404'	3400'
3391'	3384'	3374'	3370'	3362'	3346'
3342'	3339'	3335'	Total: **21 holes**		

12. **Hold Safety Meeting.** RU BJ Services to pump Acid Ball-Off down 4-1/2" casing. Monitor pressure on 7" annulus throughout all future operations. Establish rate and BD formation with 2% KCl water. Pump 21 bbls (882 gal 15% HCl w/ additives). Formation Temperature 130 deg Fahrenheit. During acid, drop 21 -7/8" dia 1.3 SG ball sealers evenly spaced, during displacement drop 15 additional ball sealers in the first 5 bbls of displacement (Total 36 Balls). Increase rate to 15 BPM+/- and ball off perforations to 3000 psi. Surge balls off perforations, displace acid with 2% KCl water, Total minimum displacement of 60 bbls. **MAXIMUM PRESSURE IS 3000 PSI.**

13. RU Blue Jet. RIH w/ Junk Basket. Recover Ball sealers. Report number recovered and hits. RD release Blue Jet.

14. RU BJ Services. Hold Safety Meeting. Pump Pictured Cliffs 60 Quality Nitrogen X-linked Foam with 100,000 lbs 20/40 brady sand at 40 BPM. Stimulate per BJ Services Schedule and Reservoir Engineering modifications. Gel 1 and 1/2 tanks 600 bbls useable gel to 30 lb. Equalize both gel tanks 3/4" full prior to starting job. **MAXIMUM PRESSURE IS 3000 PSI.** Liquid Flush.

15. Record ISIP. Begin Immediate flowback on 1/4" Choke. Prior to flowback ensure that two separate lines are prepared with 1/4" chokes. Monitor Flowback for 15 minutes, prior to RD BJ Services. Continue to monitor flowback for 12 hours on 1/4" choke, Recording sand production and flowing pressures. At 12 hours change choke size to 1/2" choke and continue flowback. 4 hours prior to shut-in change choke size to 3/4". Flow and record pressures.

16. Continue Flowback until ready to run production tubing. SI well. ND immediate flowback equipment and lines. NU BOP on top of full opening valve. Pressure Test and function test BOP and equipment to 2000 psi per Phillips Well Control Manual.

17. Flow well out both lines on drilling spool to pit for 2 hours to reduce well pressure. Kill well with 2% KCl water. If potential to snub exists, tubing hanger may be landed without running tubing.

18. PU 1-1/2" production tubing assembly, and GIH as follows: Expendable Check, one joint 1-1/2", (1.43" ID) F-nipple, and remaining joints 1-1/2". **Rabbit tubing in the hole.** Tag fill. RU air package to clean out fill. Clean out fill to PBTD of 3650'. Pull above perforations and flow well. Clean out as necessary.

19. Prepare to land 1-1/2" tubing at 3450'+/-. Install BPV. Land tubing hanger through full opening valve. ND BOP & valve. NU WH. Ensure upper portion of the tree is 2", and capable of running BPV. Pull BPV. Initial well production will occur up casing. Pump 2 bbls water. drop ball. Pump off expendable check. Flow both tubing and casing to pit to ensure check has been pumped off, and *air is removed from the flow stream.* Record final 1-hour flow test pressure and rate on 1/2" choke to complete production estimate report. RD and release Big A workover rig.

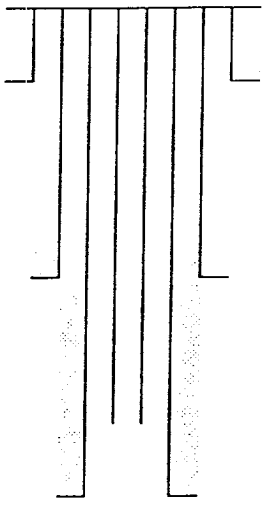
20. Notify Production Supervisor (Jerry Loudermilk) that well work is complete, so that Phillips personnel can schedule Pictured Cliffs Sales production. Note: Well should initially be produced up 4-1/2" casing string due to erosion velocities.

21. Notify Phillips regulatory to complete new C-104 for production sales.

TEM
04/06/98
Modified 04/16/98

San Juan 32-7 Unit # 44
Unit N, Section 22, T32N-R07W
San Juan County, New Mexico
1150' FSL 1800' FWL
6547' GL, 13' KB

Spud: 09/04/73
Completed: 10/04/73
API # 030-045-2132900



Casinghead: 10" 3000 wkm, spool 10" 3000 x 10" 3000 wkm
Tubinghead: 10" 3000 x 6" 3000 wkm

9-5/8" 32.3 H-40 Casing @ 226' w/190 sxs to surface

(248 jts)
1-1/2" 2.9# J-55 10rd EUE tubing @ 8026'
F-nipple 1.43" ID @ 7994'

7" 20# K-55 Casing @ 3799' w/160 sxs
TOC @ 2500' TS

Formation Name: **Dakota**
Spot 250 gal 7-1/2% HCl acid, Perforate 1 SPF @ 8038', 8076', 8080', 8084', 8100', 8138', 8156'. **(Total Holes 7)**. Pump 1000 gallons 15% HCl
Formation broke at 2700 psi. Establish rate before acid of 21 BPM @ 4000 psi, ISIP 2050 psi. Drop 1 ball per 100 gal acid, total 10 balls. Ball off to 4000
Ran JB. Recover 2 balls. Rate after acid 22 bpm @ 4000 psi.
Frac with slickwater in 3% CaCl. Total 63,195 gal liq. 50,000 lbs 40/60 sand
Frac at 22 bpm, 4000 ATP. Well sanded off with 60 bbls of flush to go.
ISIP 2300 psi.

(54 jts 11.6# on btm, 201 jts 10.5# above)
4-1/2" 11.6# & 10.5# K-55 Production Casing @ 8211' w/363 sxs
TOC @ 2910' TS

PBTD: 8203'
TD:8211'

ISICP = 2564 psi
ISITP = 2483 psi

New Formation Tops
Tops from Elec Log

Formation Tops:	
Ojo Alamo	2310'
Kirtland	2502'
Fruitland	2953'
Pict Cliffs	3318'
Lewis	3650'
Cliffhouse	5376'
Meneffee	5510'
Pt. Lookout	5763'
Mancos	6292'
Greenhorn	7843'
Graneros	7898'
Dakota	8024'

Open Hole Logs
GR, IND, DEN,

Cased Hole Logs
GR-CCL

July 23, 1987 Pump 90 bbls 15% KCl, 500 gal 15% HCl, & flush w/ 20 bbls 1% KCl down the 1-1/2" tubing. Swab well. Casing Press 20 psi. Fluid Level @ 4000'. Swab well back over 4 days.
April 17, 1991 Bradenhead test. Casing Press 1450, Tubing 250 psi, Bradenhead open
Sept 1, 1994 Casing Press 1660 psi, Tubing zero. Well swab dry, FL @ 4000', Final Csg 1670 psi
Nov 16, 1994 MIRU Drake # 28. Csg = 1600, Tbg= 0. Kill well. Work Stuck Tubing. Chemical Cut Tubing @ 8058'. COOH w/ 1-1/2" Tubing. PU Fishing Tools on 2-3/8". POOH w/ remaining 1-1/2" Tubing Run GR-CCL, Perforate Dakota 8042'-8047' (5'-10 holes), 8079'-8084' (5'-10 holes), 8088'-8093' (5'-10 holes) PU PKR & RBP combination. Set RBP @ 8171', Set PKR @ 8056'. BD perfs 8079'-8156' w/ KCl @ 2 bpm 2900 ATP. Pump 1500 gal 15% HCl w/ 20 ball sealers, 1500 gal KCl, & 1500 gal HCl w/ 20 ball sealers @ 2 to 3.2 BPM 2800 ATP. Release PKR, Move RBP to 8056'. Set PKR @ 7890', BD perfs 8038'-8076' w/ 1500 gal 15% HCl & 25 ball sealers @ 3.2 bpm 3200 ATP. COOH leaving RBP behind. GIH wash balls off RBP, recover RBP (@ ????), COOH w/ RBP. Run 249 jts 1-1/2" tubing to 8046'. RD release. Tubing zero, Casing zero.
Nov 28, 1994 RU to Swab. Tubing zero, Casing 120 psi. FL @ 3400'. Swabbing all liquid, note H2S gas Fluid leve Fluid level staying at 4000', swabbing 4 days, Total 123 bbls recovered. Final Csg 180 psi.
Dec 20, 1994 RU to Swab. Tbg 375, Csg 395. FL @ 4600'. Swab 20 bbls. Install compressor to inject down annulus. Flow to tank.
Dec 20, 1994 to Jul 1, 1995 Run compressor. Csg 1300 psi, Tbg 225 suction. 1/2" gas source line open to dehydrator. All production was circulation through the meter, not from wellbore.
Jul 1, 1995 try to produce with compressor and plunger, limited success.
Jun 7, 1995 RU to swab. Tbg 0, Csg 590. Swab 51 bbls in 10 runs to tank. FL @ 4300'
Jul 7, 1995 RU to swab. Tbg 100, Csg 1050. FL @ 5000'. Swab 3 days. FL @ 5300', Ran compress on casing. Casing to 1480 psi. No flow.
Jul 21, 1995 RU to swab. Tbg 5, Csg 1360 psi. FL @ 4950', Run compressor, flowed 42 bbls to tank.
Jul 23, 1995 RU to swab. Tbg 760, Csg 1360 psi. Flow well to tank, 16 bbls. Install plunger lift.
Sept 18, 1995 H2S monitoring performed. Levels between 150 and 400 ppm H2S
Feb 27, 1996 RU slickline. Tag @ 8114', recovered piston stop. Flow casing to tank, 1050 psi Csg. Fluid level at 2800'. Equalize Tbg & Csg. Tag FL @ 4200'. Could not get sample of scale.
April 20, 1996 MIRU Big A # 18. Tbg 980 psi, Csg 1340 psi. COOH w/ 249 jts tubing, 26 jts bad with scale and corrosion/erosion. Some jts bent above collars? Run bit & scraper, tag fill @ 8139' Cleaned out fill to 8203', heavy scale. COOH. GIH w/ PKR set at 7990', load backside, test to 500 (indicated okay). Replace Casing valves. RU BJ to acidize. Pump 1000 gal 15% HCl acid & 50 ball sealers for 37 holes, at 3.3 bpm 3200 ATP. Surge off balls. Knock off. COOH laying down 2-3/8". No csg press. Tally & rabbit 1-1/2" pipe in hole. Had to discard 67 jts of tubing. Land 1-1/2" tubing @ 8027', 249 jts. Note BPV can not be installed due to Tree ID.
May 1, 1996 RU to swab. Tbg 30 psi, Csg 230 psi. FL @ 4300'. Swab 2 days, Swab 47 bbls
May 30, 1996 RU to swab. FL @ 4000', Csg 840 psi. Swab 48 bbls over 2 days.
June 5, 1996 RU to swab. Tbg 0, Csg 850. FL @ 1200', then pull from 4000'. Tight spot @ 4200' Recover 85 bbls in 3 days swabbing. FL @ 4600'.
June 26, 1996 RU to swab. Tbg 50, Csg 1240 psi. Flow to tank 12 bbls. Begin Swabbing. Recover 35 bbls to tank, flowing and swabbing.

4-6-98

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: SF-078459
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation: San Juan 32-7 Unit
8. Well Name and No.: SJ 32-7 Unit #44
9. API Well No.: 30-045-21329
10. Field and Pool, or exploratory Area: Basin Dakota
11. County or Parish, State: San Juan NM

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Phillips Petroleum Company
3. Address and Telephone No.: 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1150' FSL & 1800' FWL, Section 22, T32N, R7W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[X] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Plug DK & complete PC	[Am] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

The NOI dated 5/13/98 is ammended to include the following: GIH w/4-1/2" cement retainer on 2-3/8". Set retainer at 7950'. Load tubing & casing. Test tubing to 2000 psi & casing to 500 psi. Mix & pump 10 sx (11.8 ft3) of Cl H cement below retainer. Sting out of retainer, & place 10 sx (11.8 ft3) Cl H cement above retainr. COOH w/tbg & stinger. PT 4-1/2" casing to 500 psi.

RU wireline. Run GR-CCL-CBL from PBTD to surface with 250 psi. Record TOC, noting bond across tops of formations.

GIH w/tbg openended. Place a balanced ~~10~~ 12 sx (~~11.8 ft3~~) Cl H neat cement plug at ~~6150'~~ 7072' to cover the Gallup formation. Pull up & place a balanced ~~10~~ 12 sx (~~11.8~~ ft3) Cl G cement plug at ~~5250'~~ 4880' to cover the Mesaverde formation. Pull up to 3650' and place a balanced 10 sx (~~11.8 ft3~~) Cl H cement plug to cover the ~~Lewis~~ formation. WOC. See Attached

ND BOP & NU frac head. Perforate PC interval w/0.32" holes through both the 4-1/2" and 7" casings from 3529' to 3335' with 21 perforations. Acidize perfs w/882 gal 15% HCl & ballsealers. Frac w/60 Quality N2 Linear foam & 100,000 # 20/40 Brady sand. Flow back. RIH w/1-1/2" prod. tubing. Clean out well. Land tubing at 3450 +/-. ND BOP & NU WH. Pump off check & RD & release rig.

14. I hereby certify that the foregoing is true and correct
Signed: Tabby Clugston Title: Regulatory Assistant Date: 5-15-98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

Attachment to Notice of

Intention to Workover

Re: Plug Back and Recomplete

Well: 44 San Juan 32-7 Unit

CONDITIONS OF APPROVAL

In addition to the Dakota cement plug, at a minimum place the following cement plugs.

1. Place a cement plug from 7072' to 6972' inside the 4 1/2" casing. (12 sks.) (top of Gallup at 7022')

2. Place a cement plug from 5280' to 5180' inside the 4 1/2" casing. (12 sks.) (top of Mesaverde at 5230')

3. Place a cement plug from 3849' to 3749' inside the 4 1/2" casing. (12 sks.) (bottom of 7.0" csg. at 3799')

4. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.