

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED
BLM
97 APR 23 PM 2:28
070 FARMINGTON, NM

1. Type of Well
Gas

2. Name of Operator
Phillips Petroleum Company.

3. Address & Phone No. of Operator
5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

Location of Well, Footage, Sec., T, R, M

990' FNL and 990' FEL Section 21, T-29-N, R-6W

5. Lease Number
SF 080379-A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 29-6 Unit
8. Well Name & Number
San Juan 29-6 Unit #24
9. API Well No.
30-039-07592
10. Field and Pool
Blanco Mesaverde
11. County & State
Rio Arriba County, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

RECEIVED
MAY - 1 1997

OIL CON. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Phillips Petroleum proposes to plug and abandoned this well per the attached procedure and wellbore diagrams.

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

Signed

Richard Allred

Title

Production Superintendent

Date

4/22/97

(This space for Federal or State Office use)

APPROVED BY

Title

Date

APR 23 1997

CONDITION OF APPROVAL, if any:

PLUG AND ABANDONMENT PROCEDURE

4-22-97

San Juan 29-6 #24

Blanco Mesaverde

990' FNL and 990' FEL / NE, Section 21, T29N, R6W

Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Phillips safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP. **Spot corrosion inhibited water between plugs.**
3. Attempt to POH with tubing, (1978 WO suspected open hole collapsed on tubing, unable to run gauge ring inside tubing past 4130') If unable to pull, then jet cut tubing as deep as possible. POH and tally 2-3/8" tubing. Visually inspect tubing, if tubing has heavy scale or is in poor condition then LD and PU 2" work string. Round-trip 7" gauge ring.
4. **Plug #1 (Mesaverde Open Hole Interval and top, 4900' - 4850'):** Set 7" wireline bridge plug at 4900'. RIH with open ended tubing to 4900' and tag bridge plug. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 19 sxs Class B cement and spot a balanced plug above the bridge plug to isolate Mesaverde open hole interval and top and tubing stub if present. POH with tubing.
5. **Plug #2 (Pictured Cliffs top, 3310' - 3210'):** Perforate 3 HSC squeeze holes at 3310'. Establish rate into squeeze holes if casing tested. Perforate 3 holes at 3210' and establish rate into both sets of holes. PU 7" cement retainer and RIH; set at 3260'. Mix 64 sxs Class B cement, squeeze 26 sxs cement outside 7" casing and leave 36 sxs cement inside casing to cover to cover 50' above top squeeze holes and Pictured Cliffs top. POH with tubing.
6. **Plug #3 (Fruitland top, 2975' - 2875'):** Perforate 3 HSC squeeze holes at 2975' and establish rate into squeeze holes if casing tested. Perforate 3 HSC holes at 2875' and establish rate into both sets of holes. PU 7" cement retainer and RIH; set at 2925'. Mix 62 sxs Class B cement, block squeeze 26 sxs cement outside 7" casing and leave 36 sxs cement inside casing at 2825' to cover 50' above top squeeze holes. POH with tubing. WOC and tag cement. Pressure test casing to 500#.
7. **Plug #4 (Kirtland and Ojo Alamo tops, 2601' - 2275'):** Perforate 3 HSC squeeze holes at 2601'. Establish rate into squeeze holes if casing tested. PU 7" cement retainer and RIH; set at 2551'. Mix 156 sxs Class B cement, squeeze 83 sxs cement outside 7" casing and leave 73 sxs cement inside casing to cover Kirtland and Ojo Alamo tops. POH with tubing.
8. **Plug #5 (Nacimiento top, 1270' - 1170'):** Perforate 3 HSC squeeze holes at 1270'. Establish rate into squeeze holes if casing tested. PU 7" cement retainer and RIH; set at 1220'. Mix 55 sxs Class B cement, squeeze 26 sxs cement outside 7" casing and leave 29 sxs cement inside casing to cover Nacimiento top. POH and LD tubing.

PLUG AND ABANDONMENT PROCEDURE

4-22-97

San Juan 29-6 #24

Blanco Mesaverde

990' FNL and 990' FEL / NE, Section 21, T29N, R6W

Rio Arriba County, New Mexico

Page 2 of 2

8. **Plug #5 (Surface):** Perforate 3 squeeze holes at 283'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

San Juan 29-6 #24

Current

Blanco Mesaverde

NE Section 21, T-29-N, R-6-W, Rio Arriba County, NM

Today's Date: 4/22/97

Spud: 6/16/55

Completed: 8/24/55

Elevation: 6363' GI

6376' KB

Logs: ML; ES-GRL-IND, TS

Workover: Jun '78

Nacimiento @ 1220'

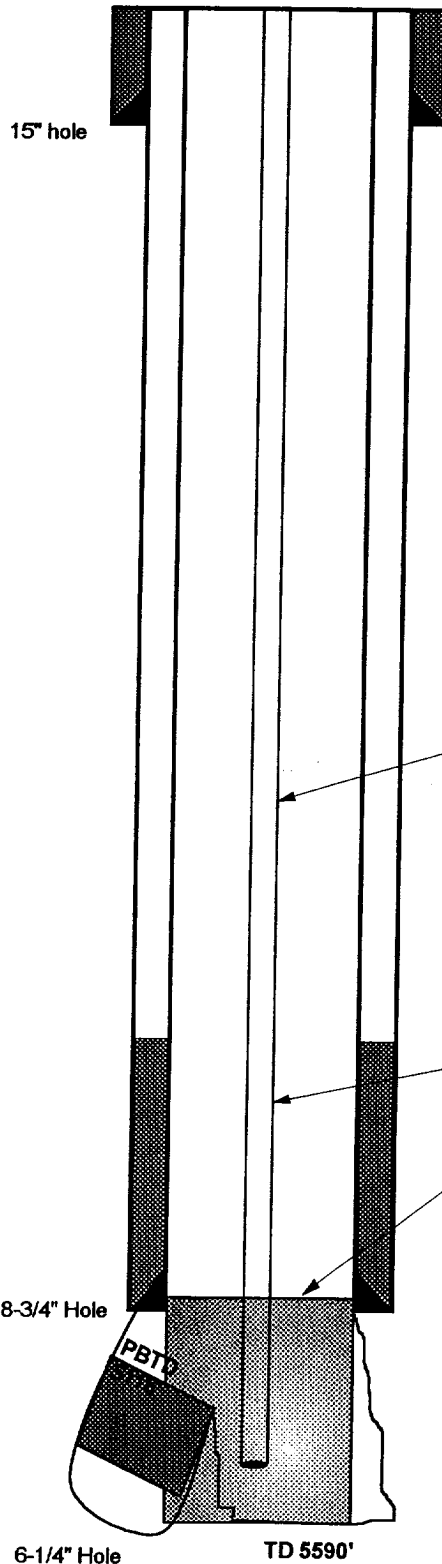
Ojo Alamo @ 2325'

Kirtland @ 2551'

Fruitland @ 2925'

Pictured Cliffs @ 3260'

Mesaverde @ 5019'



9-5/8" 32.3# H40 EW Csg set @ 233'
Cmt w/150 sxs (Circulated to Surface)

Well History

Jun '78: Tubing production stopped, suspect openhole collapse; wireline ran 1-9/16" gauge ring down 2-3/8" tubing to 4130'; perforate tubing w/ 4 holes from 4151' to 4154'; return well to production.

1997: Wireline: ran 1" sinker bar to 4176'.

Sep '96: Bradenhead Test: Csg-30#, Tbg-5#, BH-30#, blew down to nothing in 20 secs.

2-3/8" Tubing set at 5556'
(179 joints, J-55, EUE
perforated from 4151' to 4154')

TOC @ 4020' (T.S.)

Tubing Perforations: 4151' - 4154'
(tubing tight spot at 4130').

Open hole collapsed on tubing,
sonalog indicates at 4960'.

7" 23#, 20# J55, EW Casing set @ 5010'
Cement with 180 sxs w/8% gel & 100 sxs neat

Mesaverde Open Hole Interval: 5010' - 5589'

During Completion: stuck bit and dp; set 50 sxs
plug then whipstock at 5116'; drilled to 5590'
and re-fraced open hole interval.

San Juan 29-6 #24

Proposed P&A
Blanco Mesaverde

NE Section 21, T-29-N, R-6-W, Rio Arriba County, NM

Today's Date: 4/22/97
Spud: 6/16/55
Completed: 8/24/55
Elevation: 6363' GI
6376' KB
Logs: ML; ES-GRL-IND, TS
Workover: Jun '78

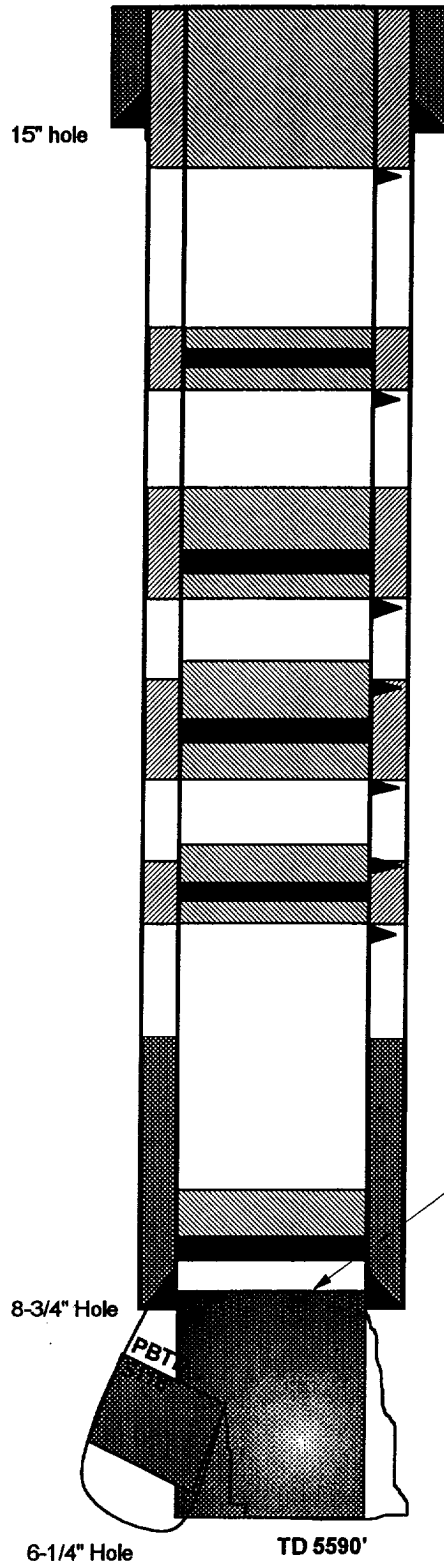
Nacimiento @ 1220'

Ojo Alamo @ 2325'
Kirtland @ 2551'

Fruitland @ 2925'

Pictured Cliffs @ 3260'

Mesaverde @ 5019'



9-5/8" 32.3# H40 EW Csg set @ 233'
Cmt w/150 sxs (Circulated to Surface)

Perforate @ 283'

Plug #6 283' - Surface
Cmt with 100 sxs Class B

Cmt Retainer @ 1220'

Perforate @ 1270'

Plug #5 1270' - 1170'
Cmt with 55 sxs Class B,
26 sxs outside casing and
29 sxs inside casing.

Cmt Retainer @ 2550'

Perforate @ 2601'

Plug #4 2601' - 2275'
Cmt with 156 sxs Class B,
83 sxs outside casing and
73 sxs inside casing.

Perforate @ 2875'

Cmt Retainer @ 2925'

Perforate @ 2975'

Plug #3 2975' - 2875'
Cmt with 62 sxs Class B,
26 sxs outside casing and
36 sxs inside casing.

Perforate @ 3210'

Cmt Retainer @ 3260'

Perforate @ 3310'

Plug #2 3310' - 3210'
Cmt with 62 sxs Class B,
26 sxs outside casing and
36 sxs inside casing.

TOC @ 4020' (T.S.)

CIBP Set at 4900'

Plug #1 4900' - 4850'
Cmt with 19 sxs Class B

Open hole collapsed on tubing,
sonalog indicates at 4960'.

7" 23#, 20# J55, EW Casing set @ 5010'
Cement with 180 sxs w/8% gel & 100 sxs neat

Mesaverde Open Hole Interval: 5010' - 5589'

During Completion: stuck bit and dp; set 50 sxs
plug then whipstock at 5116'; drilled to 5590'
and re-fraced open hole interval.

6-1/4" Hole

TD 5590'