

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

5. Lease Designation and Serial No.

I89IND58

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Navajo #10

9. API Well No.

3004508145

10. Field and Pool, or Exploratory Area

Hogback

11. County or Parish, State

SAN JUAN - NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

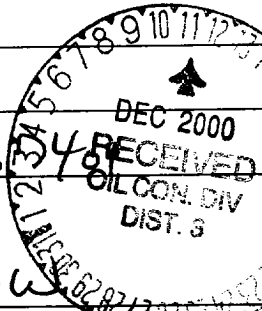
Amoco Production Company

3. Address and Telephone No.

200 Amoco Court Farmington 85408

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE Section 19-29N-16W



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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

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
☐ 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.)*

See attached report

200 NOV 30 PM 12:31
070 FARMINGTON, NM

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

Signed

B. Shaw

Title

Enviro. Coord.

Date

12-1-2000

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ENTER FOR RECORD

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

San Juan Office

AMOCO

AMOCO PRODUCTION COMPANY

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Operations Summary Report

Legal Well Name: NAVAJO HOGBACK 10

Common Well Name: NAVAJO HOGBACK 10

Event Name: PLUG X ABANDON

Contractor Name:

Rig Name:

Spud Date: 12/27/1999
Start: 12/30/1999 End: 12/27/1999

Rig Release:

Rig Number:

Date	From - To	Hours	Activity	Code	NPT	Phase	Description of Operations
12/15/1999	12:00 - 14:30	2.50		P	HOLE	RIG	MOVE IN AND RIG UP KEYS ENERGY RIG No. 66 HELD JHA HAD ONE ON ONE WITH ALL CREW MEMBERS. DID HOT WORK PERMIT. WELD ON ADAPT. FLANGE ON OLD CASING CUTOFF.
	14:30 - 18:00	3.50		P		RIG	
12/16/1999	06:30 - 07:00	0.50	WELLSV	P		RIG	TRAVEL TO LOCATION , HELD JHA NIPPLE UP BOP's AND PICK UP POWER SWIVEL. TRYED TO PRESSURE TEST BOP'S ,FOUND A LEAK IN WELD OF ADPT. FLANGE. CALLED OUT NEW WELDER . HAD JHA & DID A HOT WORK PERMIT. REWELD STARTER FLANGE. SHUT DOWN FOR NIGHT.
	07:00 - 14:30	7.50	WELLSV	P		RIG	
12/17/1999	06:00 - 07:00	1.00	WELLSV			RIG	TRAVEL TO LOCATION, HELD JHA NIPPLE UP BOP's. PRESSURE TESTED BOP's TO 500 lbs. WELD AND BOP's HELD OK. PICKED POWER SWIVEL,AND STARTED TO DRILL OUT CEMENT. DRILLED OUT HARD CEMENT FROM GROUND LEVEL TO 70ft. SHUT DOWN FOR NIGHT.
	07:00 - 17:00	10.00	WELLSV			RIG	
12/20/1999	06:00 - 07:00	1.00	WELLSV			RIG	TRAVEL TO LOCATION AND HELD JHA. CHANGE OUT STRIPPING RUBBER AND PICK UP DRILL COLLARS. DRILLED OUT HARD CEMENT TO THE DEPTH OF 95 ft. FELL OUT OF REAL HARD CEMENT AT THAT DEPTH. DRILL OUT FERM CEMENT TO 145 ft.
	07:00 - 17:00	10.00	WELLSV			RIG	
12/21/1999	06:00 - 07:00	1.00	WELLSV			RIG	TRAVEL TO LOCATION , HELD JHA. DRILLED OUT GOOD CEMENT TO THE DEPTH OF 563 ft. SHUT DOWN FOR NIGHT.
	07:00 - 17:00	10.00	WELLSV			RIG	
12/22/1999	06:00 - 07:00	1.00	WELLSV			RIG	TRAVEL TO LOCATION, HELD JHA. DRILL OUT CEMENT TO TD. OF 605 ft. TRIP OUT OF HOLE WITH TUBING AND LAYED DOWN DRILL COLLARS. SHUT DOWN FOR HOLLIDAY.
	07:00 - 14:00	7.00	WELLSV			RIG	
12/27/1999	06:00 - 07:00	1.00	WELLSV			RIG	TRAVEL TO LOCATION AND HELD OUR JHA. TRIP IN HOLE WITH 2.375 TUBING. RUG UP DOWELL TO CEMENT WELL. PUMPED AND SPOT 300 ft. CEMENT PLUG. PULLED UP HOLE AND PRESSURED UP ON THE 4.50 " CASING TRYING TO TRY TO PUSH CEMENT INTO FORMATION. PRESSURED UP TO 500 lbs. HELD FIRM. PULLED UP ABOVE CEMENT TOP. AND WOC FOR 2 HRS. TRIPPED BACK IN AND TOUCHED CEMENT TOP AT 295 ft. HAD HARD CEMENT. MIX CEMENT AND SPOTTED A 2nd. CEMENT PLUG TO SURFACE. NIPPLE DOWN BOP's , REMOVED STARTING FLANGE. COULD SEE CEMENT TOP AT 15 ft. FINISHED FILLING UP CASING. RIG DOWN AND RELEASED RIG.
	07:00 - 08:30	1.50	WELLSV			RIG	
	08:30 - 13:30	5.00	WELLSV			RIG	

Cementing Report

Legal Well Name: Navajo Hogback 10
 Common Well Name: Navajo Hogback 10
 Event Name: PLUG X ABANDON

Report #: 1
 Start: 12/30/1999

Spud Date:
 Report Date: 1/4/2000
 End: 12/27/1999

Cement Job Type: Plug

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size:	Hole Size:	Hole Size:	Hole Size: 5.000 (in)
TMD Set: (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set:	SQ Date:	Date Set:	BTM set: 605.0 (ft)
Csg Type:	SQ Type:	Csg Type:	Plug Date: 12/27/1999
Csg Size:		SQ TMD:	Plug Type: ABANDONMENT
		SQ Date:	Drilled Out: N
Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg: OPEN HOLE

Cement Co: DOWELL SCHLUMBERGER

Cementer:

Pipe Movement:

Pipe Movement

Rot Time Start: :	Time End: :	RPM:	Init Torque: (ft-lbf)	Avg Torque: (ft-lbf)	Max Torque: (ft-lbf)
Rec Time Start: :	Time End: :	SPM:	Stroke Length: (ft)	Drag Up: (lbs)	Drag Down: (lbs)

Stage No: 1 of 2

Type: Abandonment Plug	Start Mix Cmt: :	Disp Avg Rate: 1.00 (bbl/min)	Returns:
Volume Excess %: 10.00	Start Slurry Displ: :	Disp Max Rate: 1.00 (bbl/min)	Total Mud Lost: (bbl)
Meas. From: Est. Gauge Hole	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: :	Press Prior: (ft)	
To Cementing: 1.00	End Pump Date: 12/27/1999	Press Bumped: (psi)	Ann Flow After:
Mud Circ Rate: (gpm)	Top Plug: N	Press Held: (min)	Mixing Method: Batch
Mud Circ Press: (psi)	Bottom Plug: N	Float Held:	Density Meas By: Densometer

Mud Data

Type: Density: (ppg) Visc: (s/qt)	PV/YP: (cp)/(lb/100ft ²) Gels 10 sec: (lb/100ft ²) Gels 10 min: (lb/100ft ²)
Bottom Hole Circulating Temperature: (°F)	Bottom Hole Static Temperature: (°F)
Displacement Fluid Type:	Density: (ppg) Volume: (bbl)

Stage No: 2 of 2

Type:	Start Mix Cmt: :	Disp Avg Rate: (bbl/min)	Returns:
Volume Excess %:	Start Slurry Displ: :	Disp Max Rate: (bbl/min)	Total Mud Lost: (bbl)
Meas. From:	Start Displ: :	Bump Plug:	Cmt Vol to Surf: (bbl)
Time Circ Prior	End Pumping: :	Press Prior: (ft)	
To Cementing:	End Pump Date:	Press Bumped: (psi)	Ann Flow After:
Mud Circ Rate: (gpm)	Top Plug:	Press Held: (min)	Mixing Method:
Mud Circ Press: (psi)	Bottom Plug:	Float Held:	Density Meas By:

Mud Data

Type: Density: (ppg) Visc: (s/qt)	PV/YP: (cp)/(lb/100ft ²) Gels 10 sec: (lb/100ft ²) Gels 10 min: (lb/100ft ²)
Bottom Hole Circulating Temperature: (°F)	Bottom Hole Static Temperature: (°F)
Displacement Fluid Type:	Density: (ppg) Volume: (bbl)

Cementing Report

Legal Well Name: Navajo Hogback 10
Common Well Name: Navajo Hogback 10
Event Name: PLUG X ABANDON

Report #: 1
Start: 12/30/1999
Spud Date:
Report Date: 1/4/2000
End: 12/27/1999

Casing Test**Shoe Test****Liner Top Test**

Test Press: (psi)
For: (min)
Cement Found between
Shoe and Collar:

Pressure: (ppge)
Tool:
Open Hole: (ft)
Hrs Before Test:

Liner Lap:
Pos Test: (ppge)
Neg Test: (ppge)
Hrs Before Test:
Cement Found on Tool:
Tool:
Tool:

Log/Survey Evaluation**Interpretation Summary**

CBL Run:
Under Pressure: (psi)
Bond Quality:
Cet Run:
Bond Quality:
Temp Survey:
Hrs Prior to Log:

Cement Top: (ft)
How Determined:
TOC Sufficient:
Job Rating:
If Unsuccessful Detection Indicator:
Remedial Cementing Required:
Number of Remedial Squeezes: