

OIL CONSERVATION DIVISION

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

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

WELL API NO.	3004523047
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Nye LS
8. Well No.	1A
9. Pool name or Wildcat	Blanco Mesaverde
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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.)

1. Type of Well:

OIL WELL ☐

GAS WELL ☒

OTHER

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention

Pat Archuleta

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

4. Well Location Unit Letter O : 1080 Feet From The SOUTH Line and 1590 Feet From The EAST Line

Section

23

Township

31N

Range

11W

NMPM

SAN JUAN

County

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: Sidetrack ☒

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 sidetrack this wellbore in the Mesaverde per the attached procedures.

If you have any technical questions contact Mark Rothenberg at (303) 830-5612.

RECEIVED
JUN - 4 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

06-02-1997

TYPE OR PRINT NAME

Pat Archuleta

TELEPHONE NO.

303-830-5217

(This space for State

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

JUN 19 1997

CONDITIONS OF APPROVAL, IF ANY:

SJOET Well Work Procedure

Nye LS 1A

Version: #1
Date: May 22, 1997
Budget: Expense/Repair
Repair Type: Sidetrack

Objectives:

1. Sidetrack MV well to get away from damaged wellbore.
 2. Drill with gas or air through the Mesaverde.
 3. Case, perf and frac well.
-

Pertinent Information:

Location:	1080' FSL x 1590' FEL; O23-T31N-R11W	Horizon:	MV
County:	San Juan	API #:	30-045-23047
State:	New Mexico	Engr:	M. Rothenberg
Lease:	Fee	Phone:	H-(303)841-8503
Well Flac:	701565		W-(303)830-5612
			P-(303)553-6448

Economic Information:

APC WI:	32.3%	Prod. Before Repair:	xxMCFD
Estimated Cost:	\$300,000	Anticipated Prod.:	500MCFD
Payout:	4.1 years		
ROI	1.665	IRR %	22.6
DROI(13)	.339	PV(13) \$M	27.9

Note: Estimated costs do not include surface equipment.

Formation Tops: (Estimated formation tops)

Nacimiento:	Mesaverde:	3876'
Ojo Alamo:	Point Lookout:	4570'
Kirtland Shale:	Mancos Shale:	
Fruitland:	Gallup:	
Pictured Cliffs:	Graneros:	
Lewis Shale:	Dakota:	
Cliff House	TD:	5022'

Bradenhead Test Information:

Test Date: 8/96 Tubing: 459 Casing: 459 BH: 0

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Nya LS 1A

Orig. Comp. 2/79

TD = 5022 ' PBTD = 5004'

Page 2 of 2

Suggested Procedure:

Prep work: daylight rig

1. Check location to ensure adequate size for sidetrack. Install and test anchors.
2. MIRUSU.
3. Blow down well, NDWH. NUBOPS. (includes cost for wellhead repairs)
4. Pull Donut, TOH with tubing.
5. TIH with tubing and packer and squeeze perms with cement. TOH.
6. RU wireline. RIH with CBL and GR and log. Perform remedial cementing if necessary.
7. PU anchor and TIH, set whipstock, and mill with starting mill.
8. TOH and PU window cutting mill. TIH and mill window. TOH.
9. PU and TIH with watermelon mill and open window. TOH.
10. TIH with bit and build bottom hole assembly and drill approx. 150'. TOH.
11. RDMOSU.

Drilling: 24 hr drilling rig

1. MIRURT, NUBOPS and Casing Spool
2. PU bit, float, DC, DP
3. TIH and Drill, single shot survey every 150'. Drill to TD with air/mist.
4. TOH, Run 4.5" casing from TD to depth determined from prep work and hang off liner.
5. Cement casing with appropriate volumes.
6. RDMORT

Completion: daylight rig

1. MIRUSU.
2. Run cased hole logs (cbl/gr/ccl, neutron log for some wells).
3. Perforate Point Lookout/Menefee determined from above logs.
4. Acid breakdown and ball off perforations.
5. Frac Point Lookout/Menefee.
6. Flowback as soon as possible of 1/4" choke, changing to 1/2" or larger depending on activity of well, pressures, and sand production.
7. Set RBP above perforations
8. Perforate Cliffhouse/Menefee at depths determined from logs.
9. Acid breakdown and ball off perforations.
10. Frac Cliffhouse/Menefee.
11. Flowback as soon as possible of 1/4" choke, changing to 1/2" or larger depending on activity of well, pressures, and sand production
12. Cleanout to RBP. Retrieve RBP and clean out to PBTD.
13. RDMOSU.
14. Turn well over to production.

If problems are encountered, please contact:

Mark Rothenberg
(W) (303)830-5612
(H) (303)841-8503
(P) (303)553-6448

Amoco Production Company

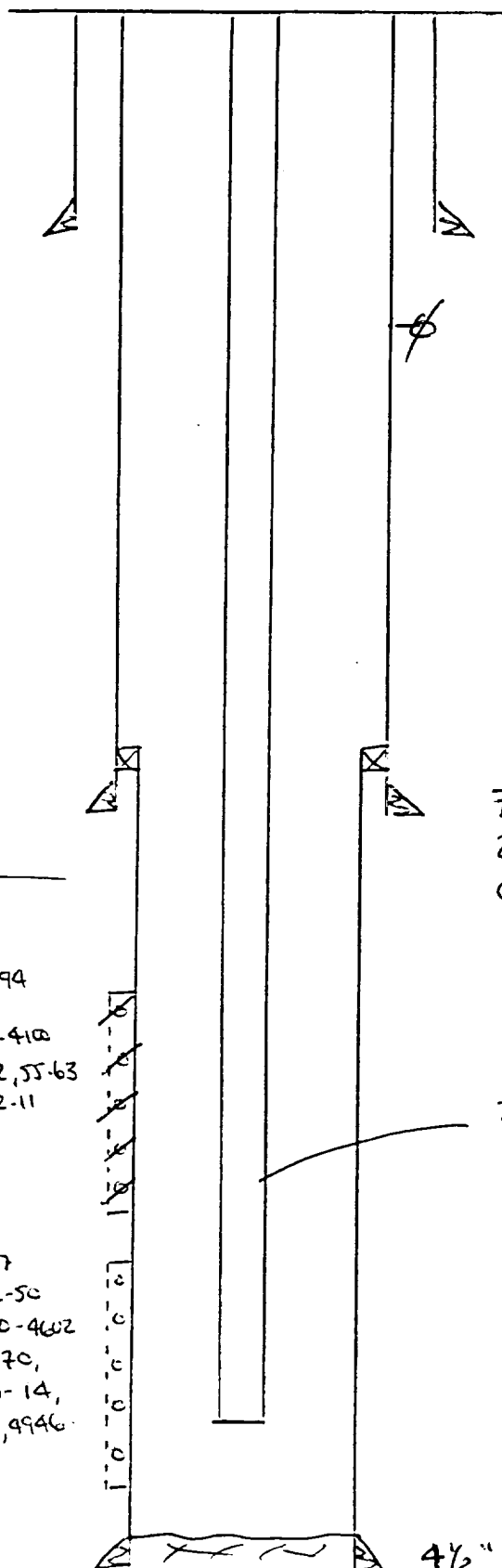
Sheet No _____ Of _____
 File _____
 Appn _____
 Date 10-19-95
 By G.M.K.

ENGINEERING CHART W.I. = 0.3231

SUBJECT Nye LS 1A (m)

230-T3IN-R11W

3004523047



NOTE: HOLE GOT WET DURING
 DRILLING @ 3304' ±
 4165'

1979: ONLY COMPL 27 SHOTS @ 1 SPZ OVER
 4306-4946'

1993: REPAIR ORIG LIMITED ENTRY ZONES w/
 2 JSPP

PERF & FLAC CLIFF HOUSE

REPAIR BH - PERF 2 HOLE @ 800'

(DID NOT LICK!) CMT w/ 11.5 SXS CLASS B

CH TESTED WET CMT SQZ: RTP

ORIGINAL ZONES - ALSO TESTED WET

COMMUNICATED VIA FLAC

7" CSA 2705'

20 # K55

CMT w/ 178 SXS CLASS B 45:35 PZ + 62 gal + 2% GEL
 100 SXS CLASS B NEAT

TDC @ 700' BY TEMP LOG

2 3/8" TSA 4711'

4.7 # JS5

NOTE: 3/93 CBL SHOWED GOOD
 BOND THRU ENTIRE 4 1/2"
 @ TDC ON 7" @ 1670 y
 POSSIBLE UNIT @ 910-55'

PERFS
 3952-72, 88-94
 3999-4006
 4010-15, 4058-4100
 4106-20, 43-52, 55-63
 82-92, 4202-11

4203-08, 28-37
 4398-4405, 42-50
 4504-12, 4570-4602
 4612-42, 62-70,
 4694-98, 4710-14,
 68-70, 4213, 4946

PAD @ 5004'

4 1/2" LSA 2553-5022'

10.5 # K55

CMT CURED

ENGINEERING CHART

File _____

Appn _____

Date _____

By _____

SUBJECT NYE LS 1A

1080' FSL X 1590' FEL

790

1320

1850

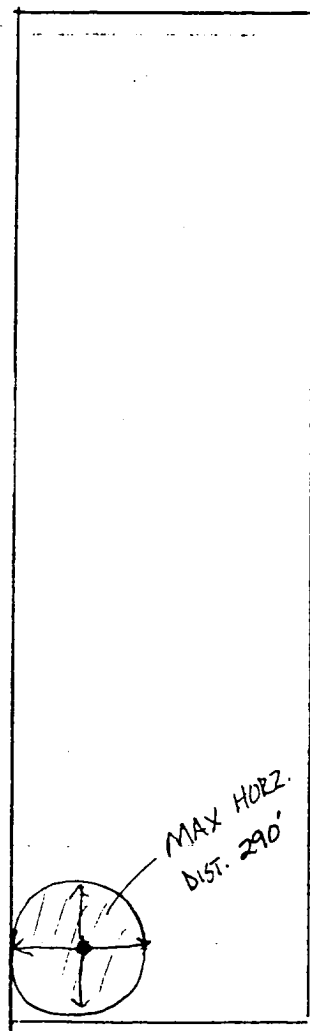
2480

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Amoco Production Company

ENGINEERING CHART

SUBJECT NYE LS 1 A

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 By _____

