

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

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

WELL API NO. 3004522809
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-5226-1
7. Lease Name or Unit Agreement Name State Com
8. Well No. 46
9. Pool name or Wildcat Blanco Pictured Cliffs

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 Conoco Inc.	
3. Address of Operator 10 Desta Dr., Ste 100W, Midland, Tx 79705	
4. Well Location Unit Letter <u>H</u> : <u>1450</u> Feet From The <u>North</u> Line and <u>1160</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>29N</u> Range <u>8W</u> NMPM <u>San Juan County</u>	
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: <u>CON. DI</u> ☐	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 (Clarity state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

It is proposed to perform the following operations in order to prepare this well for plug and abandonment:

1. Unseat Baker C-1 pkr @ 3013'. POH & tally 1-1/4" tbg; LD pkr; RIH w/open ended tbg to 3080'.
2. Pump 50 sx Class B cmt from 3105'-2695'.
3. Tag cmt. Press test csg to 500#.
4. Perf 4 holes @ 2226'. Est rate into squeeze holes.
5. PU 3-1/2" cmt ret and set @ 2150'. Press test tbg to 1000#.
6. Pump & squeeze 196 sx Class B cmt from 2226-1953'. Spot 20 sx cmt on top of cmt ret @ 2150'.
7. Perf 2 holes @ 195'. Est circ out bradenhead.
8. Pump & squeeze 70 sx cmt down casing until cmt circ out bradenhead.
9. Cut off wellhead & install P&A marker.

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

SIGNATURE Jerry W. Hoover TITLE Sr Conservation Coordinator DATE 10/13/92
TYPE OR PRINT NAME Jerry W. Hoover (915) 686-5400 TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 16 1992
CONDITIONS OF APPROVAL, IF ANY:

September 18, 1992

State Com #46 (PC)

NE, Sec. 16, T29N, R8W
San Juan County, New Mexico

PLUG AND ABANDONMENT PROCEDURE:

1. MOL and RUSU. Comply to all NMOCD, BLM and Conoco Safety rules and regulations.
2. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Unseat Baker C-1 packer at 3013'; POH and tally 1-1/4" tubing; LD packer; RIH with open ended tubing to 3080'.
4. Plug #1 from 3105' to 2695' with 50 sxs Class B cement (50' above top of Fruitland, 100% Excess); POH and shut in well.
5. WOC then RIH and tag cement. Pressure test casing to 500#.
6. Perforate 4 holes at 2226' (50' below top Kirtland); establish rate into squeeze holes (See Note Below); PU 3-1/2" Cmt Rt and RIH to 2150' and set CR; pressure test tubing to 1000#.
7. Plug #2 from 2226' to 1953' (50' above top of Ojo Alamo) with 108 sxs Class B cement, squeeze 88 sxs under CR and then spot 20 sxs on top CR. POH and LD tubing.
8. Perforate 2 holes at 195' (50' below surface casing shoe); establish circulation out bradenhead valve. Plug #3 - pump cement down casing until good cement circulates out bradenhead; approx. 70 sxs; shut in well.
9. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU.
10. Restore location to ^{STATE} ~~BLM~~ stipulations.

Note: Cement top in 3-1/2 X 6-3/4" annulus unknown; primary volume was sufficient to circulate to surface however circulation was lost during cementing. Squeeze holes at 2226' (50' below the Ojo Alamo, 2003' to 2176') may not take fluid. If unable to pump into then perforate again at 2053' and attempt to inject. Cover all perforations with cement inside.

LOCATION: 1450' FNL & 1160' FEL

LOCATION: 1450' FNL & 1160' FEL

API NUMBER:

DATUM:

CONCLUSION

FIELD: **SAN JUAN**

SECTION: 16

SPUD DATE: 4-21-78

COMPL. DATE: 3-23-78

COUNTY: SAN JUAN

TOWNSHIP: 29 NORTH

PETD: 3105

TD: 3145

STATE: NEW MEXICO

ORANGE: WEST

11

1000000.0

NRI: 0.437500

CASING RECORD

SIZE (INCHES)	GRADE	WEIGHT (#/FT.)	DEPTH (FEET)	CEMENT (SACKS)	TOC (FEET)	HOLE SIZE (INCHES)
8 5/8			143	150		12 1/4
3 1/2		9.2/9.5	3102	543		6 1/4
1 1/4 TUBING		2.30	3013			
BAKER MODEL C-1 PACKER			3013			

PERFORMANCE RECORD

[illegible]

DST INFORMATION

[illegible]

CORE INFORMATION

[illegible]

MISCELLANEOUS

[illegible]

LOGGING INFORMATION

DATE	TYPE	DEPTH (FEET)
4-29-78	SP-BEL	202-3151
4-29-78	GR-FDC-CNL	1150-3151
4-29-78	GR-CTD-CNL	1140-3137
5-11-78	GR-CNL	2550-3078
		TOT NOT SEEN

DATE	SIGNIFICANT PULLING AND WORKOVER HISTORY, STIMULATION, AND SQUEEZE WORK
12/1/80	12/1/80
12/2/80	12/2/80
12/3/80	12/3/80
12/4/80	12/4/80
12/5/80	12/5/80
12/6/80	12/6/80
12/7/80	12/7/80
12/8/80	12/8/80
12/9/80	12/9/80
12/10/80	12/10/80
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3/29/81	3/29/81
3/30/81	3/30/81
3/31/81	3/31/

ACIDIZE 3050-3064' WITH 500 GAL., FRACTURE WITH 18,000 GAL. AND 21,500W 12-20 SAND, LKOP 9 BALLS.	
	REPEAT FRACTURE
6-46	SWAB 77 BW IN 10 HOURS, TP= 0 PSI, CP= 60 PSI
9-46	POOH WITH TUBING, RIM WITH 1 1/4" TUBING AND 1 1/2" X 3 1/2" BAKER MODEL C-1 SINGLE GRIP INVERTIBLE PACKER
	3013' FLUID LEVEL @ 500'. SWAB 311 BW IN 37 SWAB RUNS, WELL TSI

FORMATION TOPS

FORMATION	MEASURED DEPTH (FEET)	SUBSEA DEPTH (FEET)
OJO ALAMO	2003	4397
KURLAND SHALE	2176	4224
FRUITLAND COAL	2745	3655
PICTURED CLIFFS	3052	3348
CHACTA		
CLIFF HOUSE - MV		
MENEFEE - MV		
POINT LOOKOUT - MV		
GALLUP		
GREENHORN		
GRANEROS		
DAKOTA		
MORRISON		

8-14-92

STATE COM #46

SAN JUAN OU

CURRENT COMPLETION

SURFACE CASING
8 5/8" @ 145'
150 SACKS CEMENT
TOC: N/A

KB: 6400'
GLE: 6391'

BAKER C-1 PACKER
@ 3013'

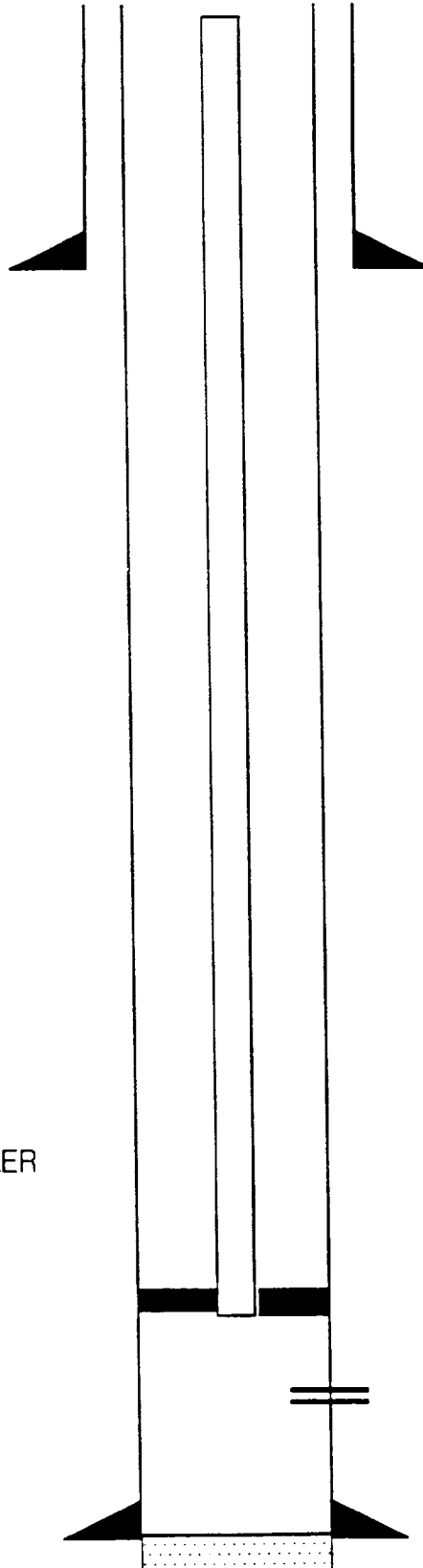
1 1/4" TUBING
@ 3013'

PRODUCTION CASING
3 1/2", 9.5# @ 3102'
545 SACKS CEMENT
TOC: N/A

PICTURED CLIFFS
3050-3084'

PBTD: 3105'

TD: 3145'



8-14-92

STATE COM #46

SAN JUAN OU

PROPOSED P&A

SURFACE CASING

8 5/8" @ 145'

150 SACKS CEMENT

TOC: N/A

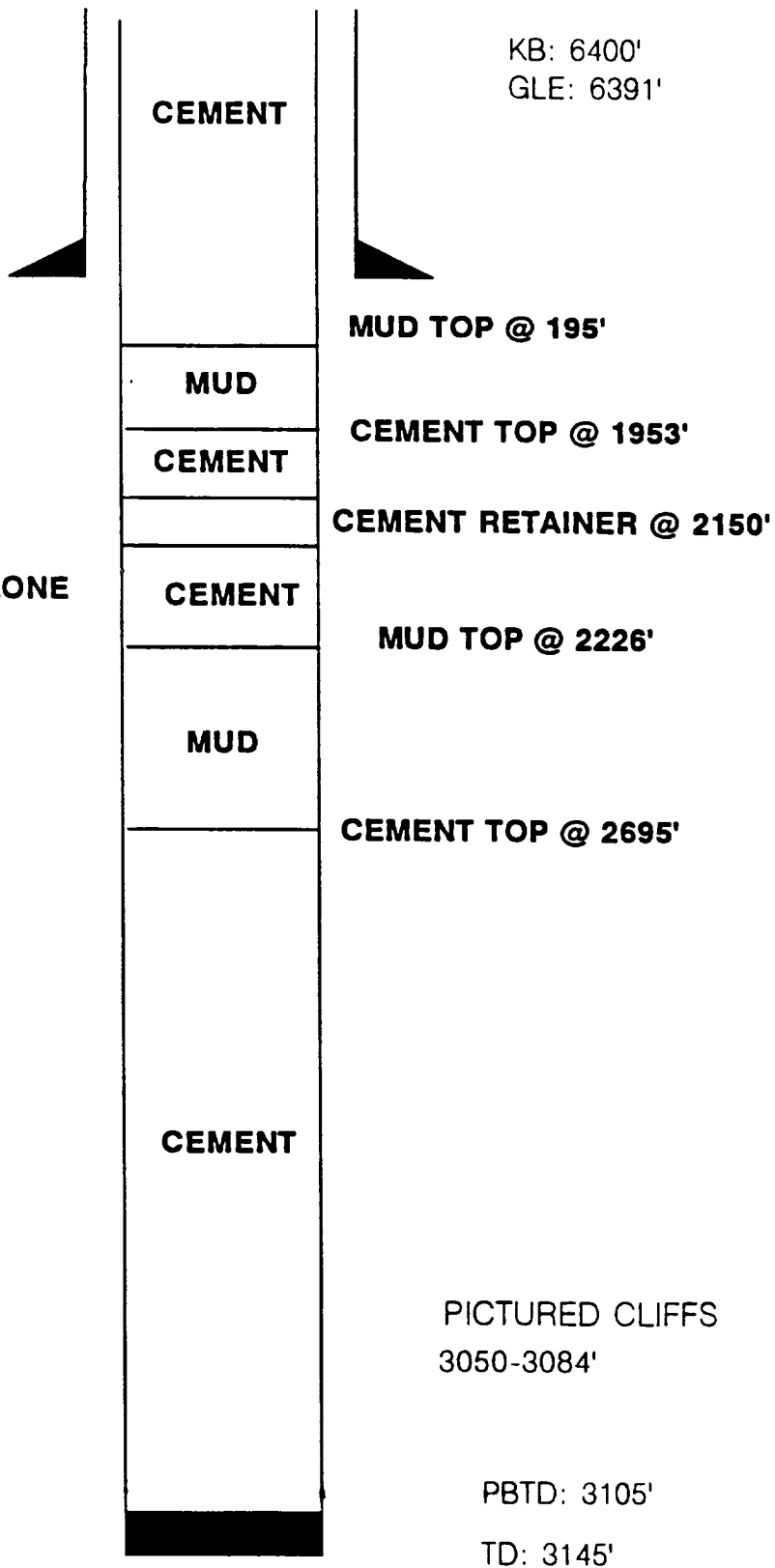
OJO ALAMO
FRESH WATER ZONE

PRODUCTION CASING

3 1/2", 9.2/9.5# @ 3102'

545 SACKS CEMENT

TOC: N/A



Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
FORMATION DENSITY

COUNTY **SAN JUAN**
FIELD **BLANCO PC**
LOCATION **SEC. 16 29N 8W**
WELL **STATE COM NO. 46**
COMPANY **MESA PETRO. CO.**

COMPANY **MESA PETROLEUM COMPANY, Inc. Prod.**

WELL **STATE COM NO. 46**

FIELD **BLANCO PICTURED CLIFFS**

COUNTY **SAN JUAN** STATE **NEW MEXICO**

LOCATION **1450 N**
1160 E
API SERIAL NO. **16** SEC. **29N** TWP **8W** RANGE

Other Services:
IES

Permanent Datum: **GL**; Elev.: **6391**
Log Measured From: **KB**, **9** Ft. Above Perm. Datum
Drilling Measured From: **KB**

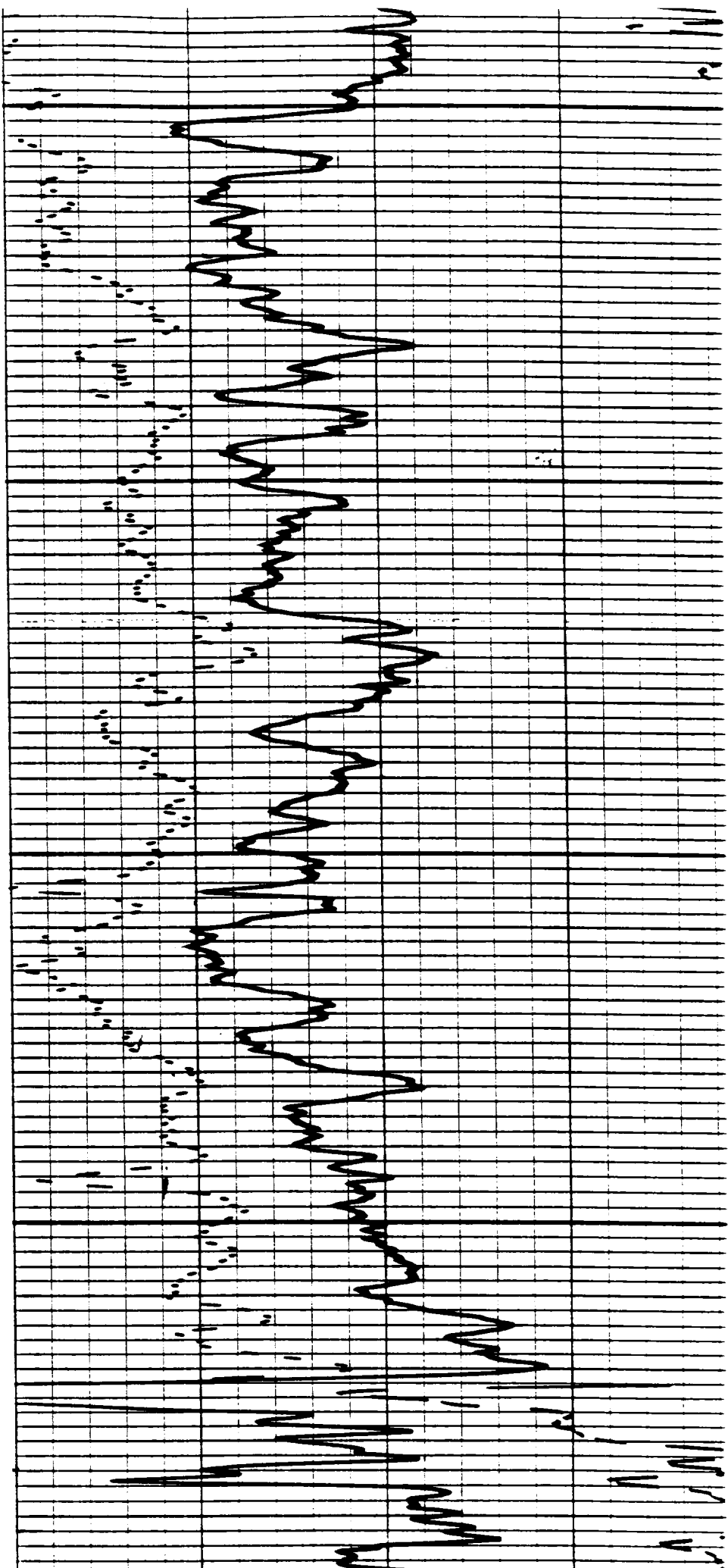
Elev.: K.B. **6400**
D.F. **6391**
G.L. **6391**

Date	4-29-78					
Run No.	ONE					
Depth-Driller	3145					
Depth-Logger	3153					
Btm. Log Interval	3151					
Top Log Interval	1150					
Casing-Driller	8-5/8@131			@	@	@
Casing-Logger	144					
Bit Size	6-1/4					
Type Fluid in Hole	FRESH MUD					
Dens.	Visc.	9.4	38			
pH	Fluid Loss	7.2	--- ml		ml	ml
Source of Sample	FLOWLINE					
Rm @ Meas. Temp.	3.67 @76	°F	@	°F	@	°F
Rmf @ Meas. Temp.	3.43 @76	°F	@	°F	@	°F
Rmc @ Meas. Temp.	---	@ --- °F	@	°F	@	°F
Source: Rmf	Rmc	MEAS	MEAS			
Rm @ BHT	2.8 @97	°F	@	°F	@	°F
Circulation Stopped	1200					
Logger on Bottom	1800					
Max. Rec. Temp.	97	°F		°F		°F
Equip.	Location	7656	FARM			
Recorded By	BRAAF					
Witnessed By Mr.	LATCH					

DO NOT REMOVE FROM WELL FILE

The well name, location and borehole reference data were furnished by the customer.

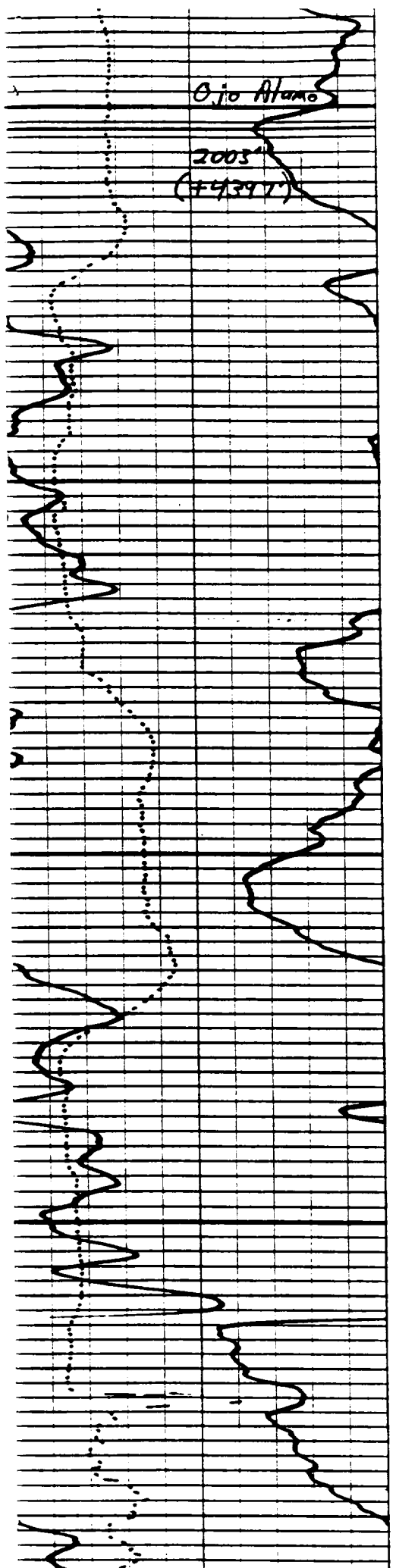
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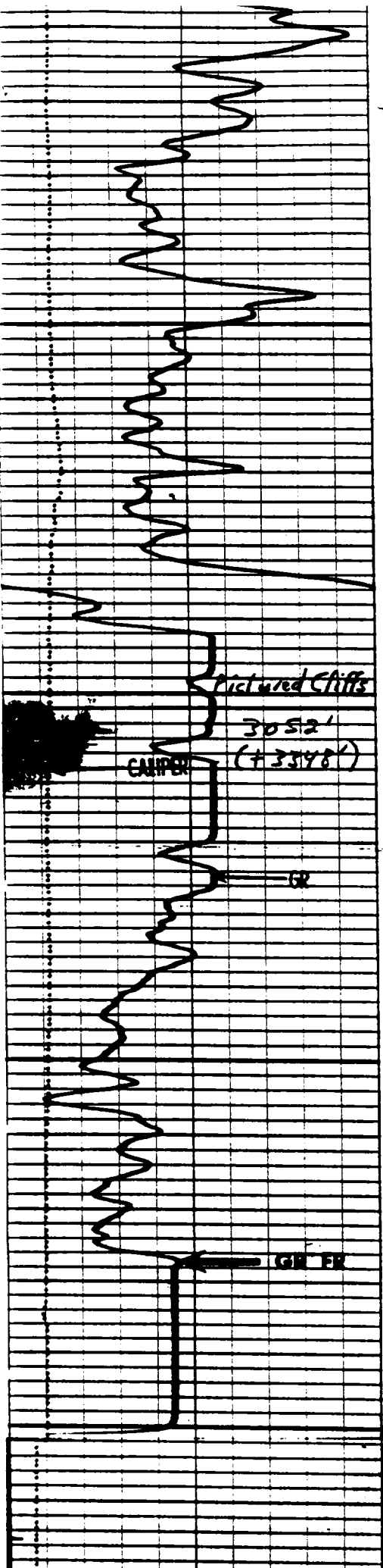


2000

2100

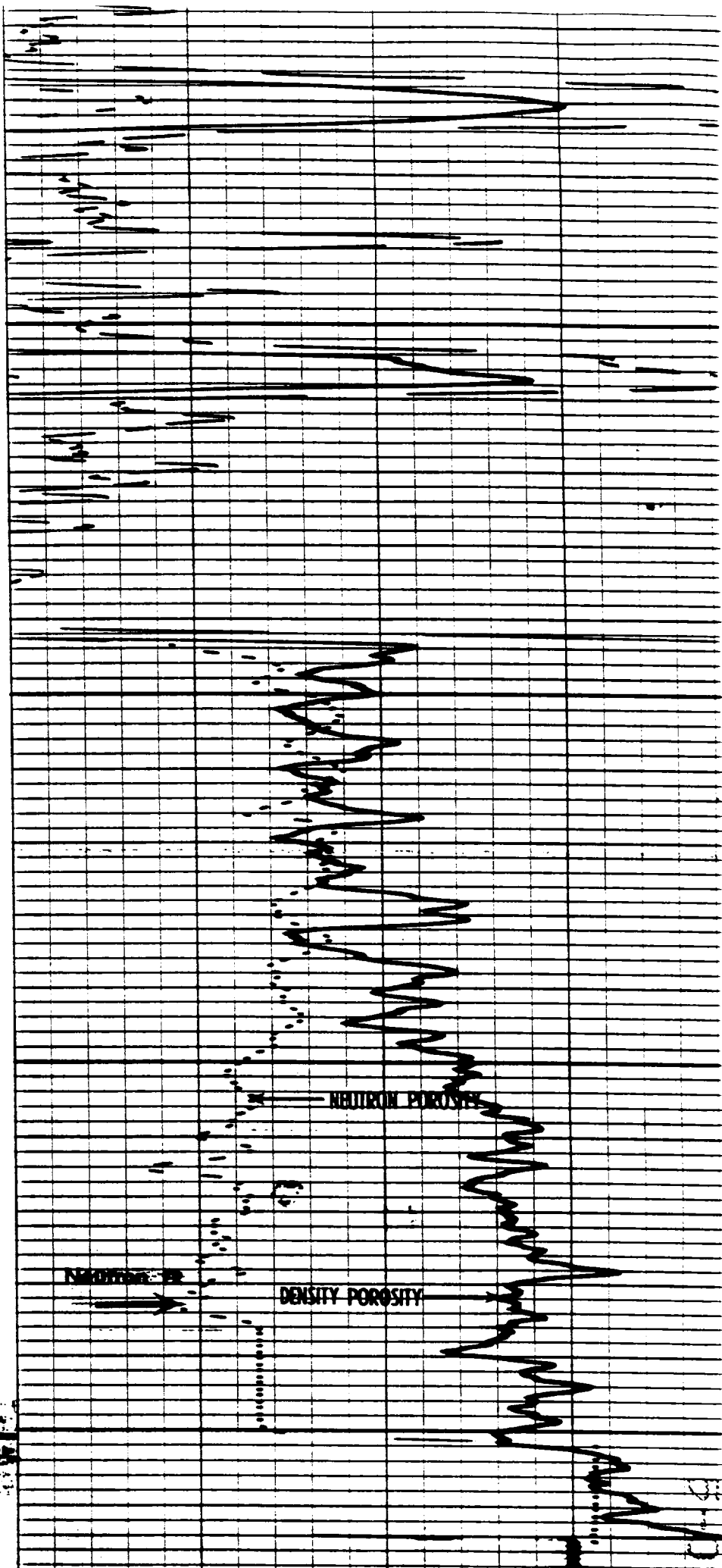
Ojo Alamo
2003'
(+4397')





3000

3100



(CONOCO)

Daily Oil, Gas & Water Production

251.045, 29N05W16H00PC
1000
1000

1000

(BBL/DAY)

100

100

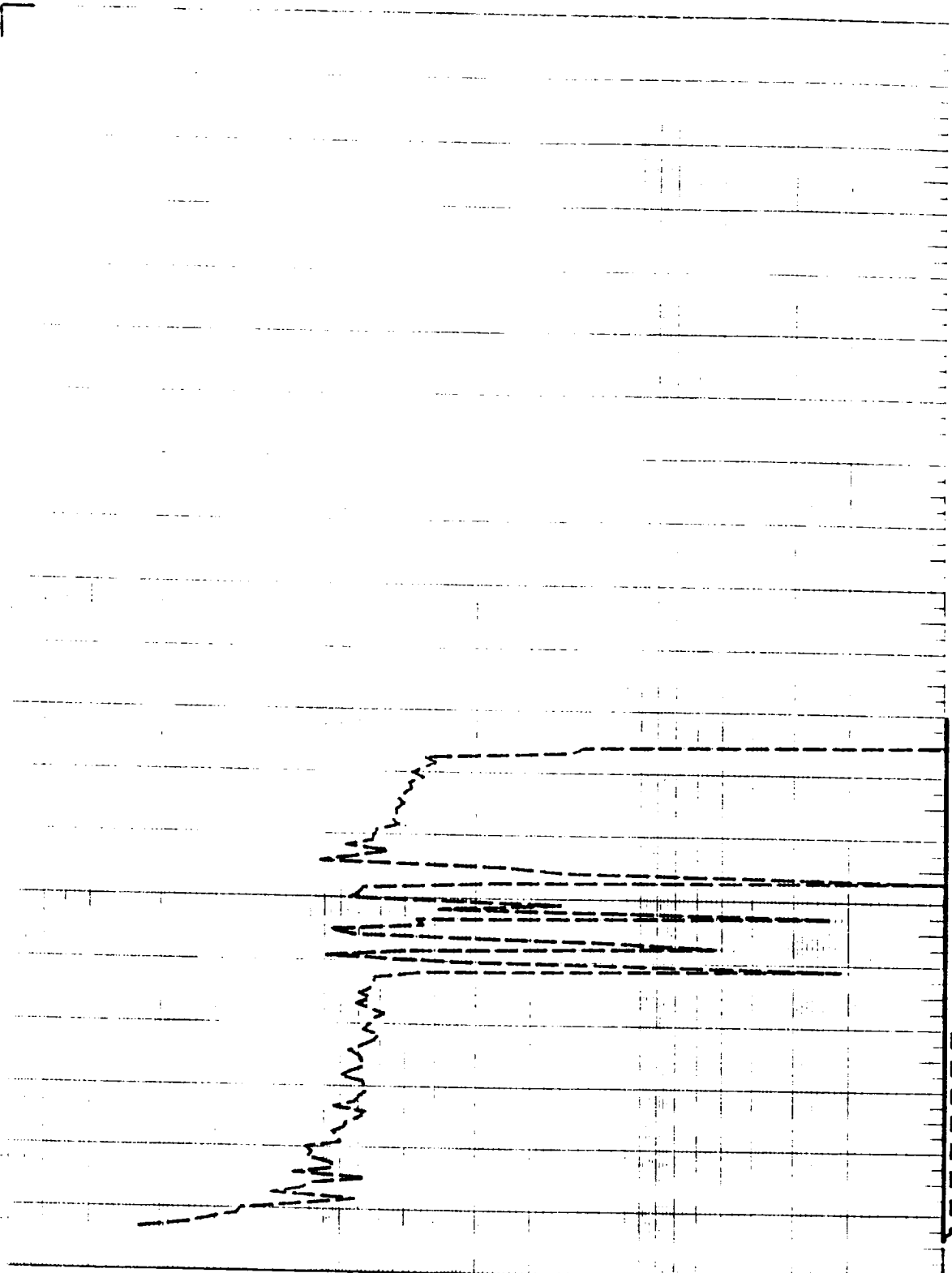
10

10
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1

1

78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97



Operator:	MESA OPERATING LTD PARTS	Location:	16 29N	8W
Lease:	STATE CON	County:	SAN JUAN	
Well #	000046	State:	NM	
Field:	BLANCO PICTURED CLIFFS (BLN)	Oil:	PID	
Reservoir:		Cum. Gas:	202481	