

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-33756
5. Indicate Type of Lease STATE FEE X
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name PATTY 20
8. Well Number 1
9. OGRID Number 4323
10. Pool name or Wildcat WEST LOVINGTON PENN

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 X Gas Well Other

2. Name of Operator
CHEVRON U.S.A. INC.

3. Address of Operator
1500 SMITH RD. MIDLAND, TX. 79705

4. Well Location DATUM Y-LAT X-LONG
Unit Letter E : 2156 feet from the NORTH line and 990 feet from the WEST line
Section 20 Township 16-S Range 36-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,942' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		REV CON CAS OTH	E-PERMITTING <SWD INJECTION>	
PERFORM REMEDIAL WORK	☐		PLUG AND ABANDON	X
TEMPORARILY ABANDON	☐		CHANGE PLANS	☐
PULL OR ALTER CASING	☐		MULTIPLE COMPL	☐
DOWNHOLE COMMINGLE	☐			
CLOSED-LOOP SYSTEM	☐			
OTHER:	☐			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 13 3/8" 54.5# @ 392' TOC SURF. 8 5/8" 32# @ 4,149' TOC UNKNOWN, 5 1/2" 20# @ 11,779', DV TOOL @ 8,253' TOC EST. 2,540', PERFS 11,435'-11,490', TD 11,780'.

AS EARLY AS MAY 29, 2015 MOVE IN RIG & CMT EQUIPMENT, ND TREE, NU BOP & TEST. POOH W/ RODS & TUBING, RIG OPEN ENDED TO 11,607'. CIR WELL W/ SALT GEL. PU TO 11,490', MIX & SPOT 35 SX CL "H" CEMENT FROM 11,490'-11,200', PU REV. OUT. WOC & TAG PU TO 9,590', MIX & SPOT 30 SX CL "H" CEMENT FROM 9,590'-9,340', PU REV. OUT. PU TO 8,300', MIX & SPOT 100 SX CL "H" CEMENT FROM 8,300'-7,500', PU REV. OUT. WOC & TAG PU TO 6,950', MIX & SPOT 95 SX CL "H" CEMENT FROM 6,950'-6,250', PU REV. OUT. PU TO 4,875', MIX & SPOT 30 SX CL "C" CEMENT FROM 4,875'-4,600'. PU TO 4,200', PERF & SOZ 85 SX CL "C" CEMENT FROM 4,200'-3,950', WOC & TAG. PU TO 2,000', MIX & SOZ 30 SX CL "C" CEMENT FROM 2,000'-1,800'. PU TO 450', RU & PERF 5 1/2" @ 450' EST. CIR. ON 5 1/2". MIX & CIR 170 SX CL "C" CEMENT FROM 450' BACK TO SURFACE ON BOTH STRINGS. CUT ALL CASING & ANCHORS & REMOVED 3' BELOW GRADE. WELD ON DRY HOLE MARKER. CLEAN LOCATION. ALL CEMENT PLUGS CLASS "H & C", W/ CLOSED LOOP SYSTEM USED.

Perf: 5 1/2" LIBP @ 11385' CAP W/ 25 SX5 H' CMT. PRESSURE TEST. CASING.

Perf: 5 1/2" SOZ 30 SX5 CMT @ 3200' WOC & TAG.

Spud Date:

Rig Release Date:

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

SIGNATURE Monty L. McCarver TITLE Agent for Chevron U.S.A. DATE 05/15/15
Type or print name Monty L. McCarver E-mail address: monty.mccarver@nabors.com PHONE: 281-775-3432
For State Use Only
APPROVED BY: Maley Brown TITLE Dist Supervisor DATE 5/20/2015
Conditions of Approval (if any):

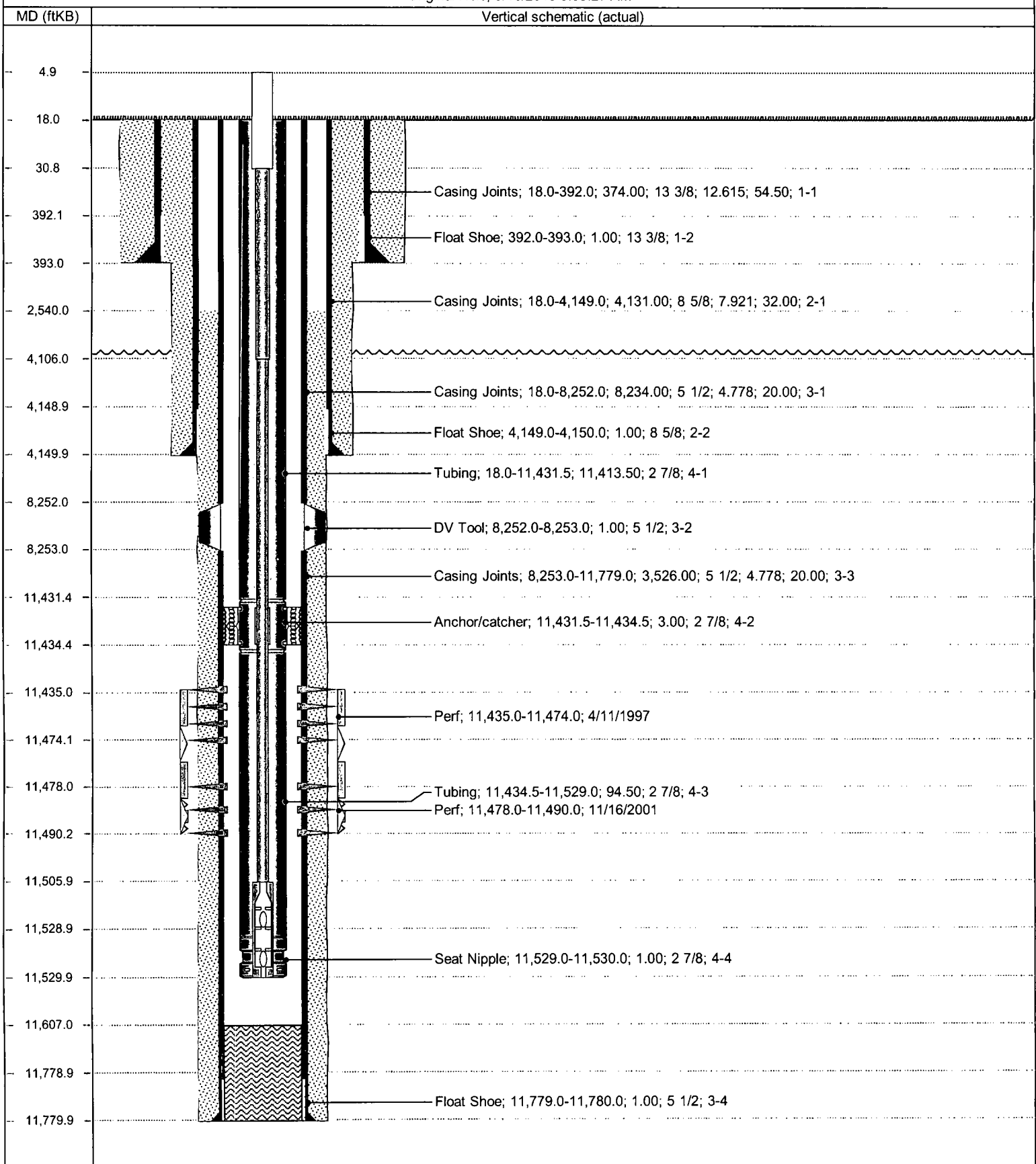
MAY 21 2015

Current Wellbore Schematic

WELL (PN): PATTY 1-20(CVX) (812093)
 FIELD OFFICE: HOBBS
 FIELD: WEST LOVINGTON PENN
 STATE / COUNTY: NEW MEXICO / LEA
 LOCATION: SEC 20-16S-36E, 2156 FNL & 990 FWL
 ROUTE: HOB-NM-ROUTE 23- LEO MARTINEZ
 ELEVATION: GL: 3,941.0 KB: 3,959.0 KB Height: 18.0
 DEPTHS: TD: 11,780.0

API #: 3002533756
 Serial #:
 SPUD DATE: 2/20/1997
 RIG RELEASE: 2/20/1997
 1ST SALES GAS:
 1ST SALES OIL: 4/1/1997
 Current Status: PRODUCING

Original Hole, 5/16/2013 9:33:27 AM

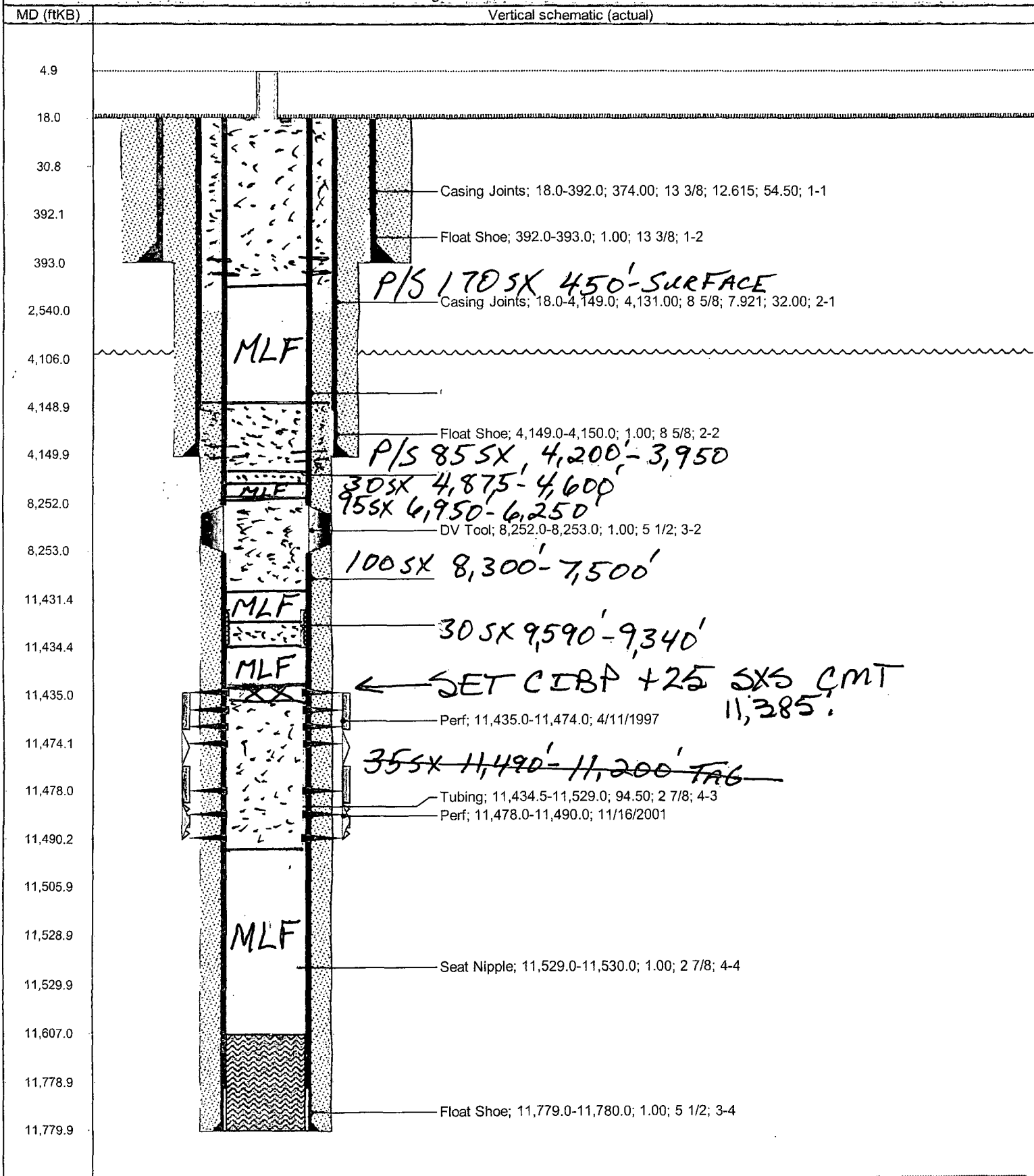


P+A Wellbore Schematic

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 FIELD OFFICE: HOBBS
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Original Hole, 5/16/2013 9:33:27 AM



5 to Appropriate
1 Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

WELL API NO. 30-025-33756
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name PATTY 20	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DISPERN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		
2. Name of Operator Chesapeake Operating, Inc.		8. Well No. 1
3. Address of Operator P. O. Box 18496, Oklahoma City, OK 73154-0496		9. Pool name or Wildcat West Lovington Penn

4. Well Location Unit Letter <u>E</u> : <u>2156</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>20</u> Township <u>16S</u> Range <u>36E</u> NMPM LEA County
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10. Date Spudded 02-20-97	11. Date T.D. Reached 03-20-97	12. Date Compl. (Ready to Prod.) 04-11-97	13. Elevations (DF& RKB, RT, GR, etc.) GR: 3942'	14. Elev. Casinghead 3942'
15. Total Depth 11,780'	16. Plug Back T.D. 11,607'	17. If Multiple Compl. How Many Zones? <u>-</u>	18. Intervals Drilled By Rotary Tools 0-T.D.	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 11435'-11,474' Strawn				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Array Induction, CNL/LDT/Microlog, Sonic				22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	393'	17-1/2"	500 sk	
8-5/8"	28# & 32#	4,150'	11"	199 sk	
5-1/2"	20# & 17#	11,780'	7-7/8"	675 sk 1st Stg	
				1100 sk 2nd Stg	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,390'	11,390'

26. Perforation record (interval, size, and number) 11,435-440' 11,446-459; 18' - 6 spf - 110 holes 11,461-474' 13' - 6 spf - 79 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		None

28. PRODUCTION							
Date First Production 04-12-97		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 04-13-97	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl. 207	Gas - MCF 365	Water - Bbl. 0	Gas - Oil Ratio 1.76
Flow Tubing Press. 280	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 207	Gas - MCF 365	Water - Bbl. 0	Oil Gravity - API - (Corr.) 46.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
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30. List Attachments C-103, Deviation Report, Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature [Signature] Printed Name D. Steven Tipton Title District Manager Date 05-14-97

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn 11,388'
B. Salt _____	T. Atoka 11,596'
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres 4875'	T. Simpson _____
T. Glorieta 6340'	T. McKee _____
T. Paddock 6912'	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb 7578'	T. Delaware Sand _____
T. Drinkard 7819'	T. Bone Springs _____
T. Abo 8256'	T. _____
T. Wolfcamp 9590'	T. _____
T. Penn 10997'	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
	7580		Dolomite				
7580	7700	120'	Sandstone				
7700	9590	1890'	Dolomite & Limestone				
9590	9900	310'	Limestone				
9900	10650	750'	Limestone, Chert & Shale				
10650	11388	738'	Limestone & Shale				
11388	11554	166'	Limestone				
11554	11596	42'	Conglomerate				
11596	11734	138'	Shale & Conglomerate				