Form 3160-4 (October 1990)

## 24Ndry UNITED STATES

## SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

OMB NO. 1004-0137 Expires: December 31, 1991

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. 701-92-0004 JIC MIN DEVEL. AGREE.

IL TYPE OF WELL:    NEW   CONTROL   CANADA   DAY   Other   STATE   STA
TYPE OF COMPLETION  MENUL WIND PARTY
*** NATE OF THE COUNTY OF THE CONTILL (Regard and in accordance with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  At location by mell (Regard accidence with any State requirements)**  Ballard Pictured Cliffs and Pictured Cliffs and Regard accidence with any State requirements)**  Ballard Pictured Cliffs and Pictured Cliffs and Regard accidence with any State requirements and Regard accidence with any State requirements)**  Ballard Pictured Cliffs and Pictured Cliffs and Regard accidence with any State requirements and Regard accidence with any State requiremen
ROBERT L. Bayloss ROBERT L. Bayloss 3. ADDRESS AND TELEPHONE NO. P. O. Box 168 Fermington, NM 87499 (505)326-2659 10. FIRED AND FOOL, OR WILL (Report location clearly and in accordance with any State requirements). At surface At 1005 FML 8, 1570
Robert L, Bayless 3. ADDRESS AND TELEPHONE NO. P O Box 168 Farmington, NM 87499 (505)326-2659 4. LOCATION OF WELL (Report location circle) and in accordance with any State requirements! At surface At surface At total depth Same At total depth Same At total depth S. DATE SPUODED 18. BATE TO. RECIPED 17. DATE CONFL. (Redd) 157. 11-14-92 11-17-92 12-10-92 12-10-92 12-10-92 13-25-08 P.23-08 NM ANNY Sec. 31, T23N, R2W  11-14-92 11-17-92 12-10-92 11-17-92 12-10-92 13-25-08 P.23-08 P.23-09 14. PERMIT NO. DIV. S. DATE SPUODED 18. BATE TO. RECIPED 17. DATE CONFL. (Redd) 157. 11-14-92 11-17-92 11-14-92 11-17-92 11-14-92 11-17-92 11-16-92 11-17-92 12-10-92 12-10-92 13-25-08 P.23-08 13-26-26-26-26-26-26-26-26-26-26-26-26-26-
3. ADDRESS AND TELEPHONE NO. P 0 Box 168 Farmington, NM 87499 (505)326-2659 4. LOCATION UP WELL (Report location circuly and in accordance with any State requirements). At surface At 1055 of Nic 5 1700. White Same  At total depth Same  14. PERMIT NO. DIL CON. DIV.  5. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COURL. (Red DIST.) 19. ELEVATIONS (DF. REB. R.T. C., ETC.).* 19. ELEV. CASINGHEAD 11-14-02 11-17-92 12-10-92 12-1
A LOCATION OF WELL (Report location clearly and in accordance with any State requirements!  At surface  At 100 First literal reported below Same  At total depth  Same  At total
A LOCATION OF WEILL (Report location circuit, and in accordance with any State requirement):  At surface  At surface  At total depth  Same  Same  Same  Same  Same  Same  Same  Same  At total depth  Same  Same  Same  Same  Same  At total depth  Same  Same  Same  Same  Same  Same  At total depth  Same  At total depth  Same  Sa
At surface At top prod. Interval reported below Same  Same  JAN 2 8 1993  Sec. 31, T23N, R2W  Sec. 31, T25N, R2W  Sec. 31, T25
At 100 Frod Interval 1570. At 100 Frod Interval
At total depth  Same    14. PERMIT NO.   DATE ISSUED   12. COUNTY OR FALSISH SANDOWN   13. STATE FALSISH SANDOWN   14. PERMIT NO.   DIV.   DATE ISSUED   12. COUNTY OR FALSISH SANDOWN   15. DATE SPUDDED   16. DATE TO. REACHED   17. DATE COMPL. (Red DISTO.)   18. ELEVATIONS (DP. RNB. RT. GE. ETC.)*   19. ELEV. CASINGHEAD   11-14-92   11-17-92   12-10-92   12-10-92   12-25* OR   7. 2.3     19. ELEV. CASINGHEAD   11. DATE COMPL.   12. DATE ISSUED   19. ELEV. CASINGHEAD   11. DATE COMPL.   19. ELEV. CASINGHEAD   12. DATE NO.   19. ELEV. CASINGHEAD   19. ELEV. CASIN
14. PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH SANDOVAL   13. STATE PARISH SANDOVAL   14. PERMIT NO.   DATE ISSUED   12. COUNTY OR PARISH SANDOVAL   NM
10. ATT SPUDDED
1-14-92   11-17-92   12-10-92
21. FUEL BATCH LEFTH, MD A TVD 21. FLUG, BACK T.D., MD A TVD 22. IF MULTIPLE COMPL. 23. INTERVALS ROTARY TOOLS CABLE TOOLS 2977 2919 LILLE BY 0-TD 25. WAS DISECTIONAL SURVEY MADE PICTURED CLIFFS: 2846-2858 ft.  27. WAS WELL CORD PICTURED CLIFFS: 2846-2858 ft.  27. WAS WELL CORD NO
2917   2919   HOW MANT*   DIRILLED BY   0-TD
Pictured Cliffs: 2846-2858 ft.  CASING RECORD (Report all strings set in well)  CASING SIZE GRADE WEIGHT, LB/FT. DEPTH SET (ND) HOLE SIZE IOPPOF CEMENT, CEMENTING RECORD AMOUNT RULLED 25 (ND)  LINER RECORD 13,6#/gal C 13,6#/gal C 10,5#/ft 2965 77 7/8" SIZE NOFTH SET (MD) SIZE NOFTH SET (MD) SIZE NOFTH SET (MD) SIZE NOFTH SET (MD) PACTER SEZ (MD)  LINER RECORD 30. TUBING RECORD 25 (ND)  LINER RECORD 30. TUBING RECORD 1 PACTER SEZ (MD)  PERPORATION RECORD (Interval, size and number) 22. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 46,000 lbs. 12-20 sand.
Pictured Cliffs: 2846-2858 ft.  TYPE ELECTRIC AND OTHER LOGS RUN Induction, SP, GR-Density  CASING RECORD (Report all strings set in well)  CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE  WEIGHT, LB/FT.  DEPTH SET (MD)  10.5#/ft  12.1/4"  12.1/4"  13.6#/gal  CINER RECORD  LINER RECORD  LINER RECORD  JACKS CEMENT*  SCREEN (MD)  SIZE  TOP (ND)  BOTTOM (MD)  SACKS CEMENT*  SCREEN (MD)  SIZE  DEPTH SET (MD)  PACKER SEZ (MD)  PACKER SEZ (MD)  SACON Gall CONTROLLED  AMOUNT RULLED  AMOUNT AND KIND OF MATERIAL USED  2846-2858 ft  48 holes  41,000 lbs. 12-20 sand.
TYPE ELECTRIC AND OTHER LOGS RUN Induction, SP, GR-Density  CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LB/FT. DEFTH SET (MD) HOLE SIZE 100P OF CEMENT, CEMENTING RECORD AMOUNT RULLED 100 OF CEMENT, CEMENTING RECORD 100 OF CEMENT, CEMENT, CEMENT RULLED 100 OF CEMENT, CEMENT, CEMENT RULLED 100 OF CEMENT, CEMENT, CEMENT RULLED 100 OF CEMENT, CEMENT SQUERZE, ETC.  PREPORATION RECORD (Interval, size and number) 100 OF MATERIAL USED 100 O
CASING RECORD (Report all strings set in well)  CASING SIZE/GRADE WEIGHT, LE/FT. DEPTH SET (ND) HOLE SIZE 10P OF CEMENT. CEMENTING RECORD AMOUNT RULLED 10.5#/ft 145' 12 1/4" 587 ft (285 sx) Class B w/2% econplite (T) 2% (d1, 10%) to 10.5#/ft 10.5#/ft 2965' 7 7/8" 157 ft (125 sx) 50/50 Pozmix, 2% (d1, 10%) to 10.5#/ft
CASING RECORD (Report all strings set in well)  CASING SIZE GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE 10P OF CEMENT. CEMENTING RECORD AMOUNT RULLED  3 5/8" 24#/ft 145' 12 1/4" 587 ft (285 sx) Class B w/2% econolite 11/2" 10.5#/ft 2965' 7 7/8" 157 ft (125 sx) 50/50 Pozmix. 2% Gel, 40% below 157 ft (125 sx) 50/50
CASING RECORD (Report all strings set in well)  ASSING SIZE/GRADE WEIGHT, LB/FT. DEPTH SET (MD) HOLE SIZE 10P OF CEMENT. CEMENTING RECORD AMOUNT RULLED 12 1/4" 587 ft (285 sx) Class B w/2% econolite 12 1/4" 10.5#/ft 2965' 7 7/8" 157 ft (125 sx) 50/50 Pozmix. 2% gd1, 10% ts. 2% gd1, 10%
Amount Rulled   Amount Record   Amount Rulled   Amount Record   Amount Rulled   Amount And Rind of Material Used   Amount And Rind Rulled   Amount And Rulled Rulled Rulled Rulled Rulled Rulled   Amount And Rulled Rulled Rulled Rulled Rulled
3 5/8"   24#/ft   145'   12 1/4"   587 ft 3 (285 sx) Class B w/2% econolite @ 12 1/4"   10.5#/ft   2965'   7 7/8"   157 ft 3 (125 sx) 50/50 Pozmix, 2% Gel, 10% Teles   10.5#/gal   25
10.5#/ft   2965'   7.7/8"   157 ft (125 sx) 50/50 Pozmix, 2% Gel, 40875;
LINER RECORD  LINER RECORD  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT*  PERFORATION RECORD (Interval, size and number)  2846-2858 ft  48 holes  4JSPF  .34" diameter
LINER RECORD  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACTER SET (MD)  PERPORATION RECORD (Interval, size and number)  2846-2858 ft 48 holes 4JSPF .34" diameter  30. TUBING RECORD:  SCREEN (MD) SIZE DEPTH SET (MD) PACTER SET (MD)  PACTER SET (MD)  AMOUNT AND KIND OF MATERIAL USED  2846-2858  32,000 gal 70 quality foam with 46,000 lbs. 12-20 sand.
LINER RECORD  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  PERFORATION RECORD (Interval, size and number)  2846-2858 ft 48 holes 4JSPF .34" diameter  30. TUBING RECORD:  SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  PACKER SET (MD)  PACKER SET (MD)  ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  46,000 lbs. 12-20 sand.
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  PERFORATION RECORD (Interval, size and number)  2846-2858 ft 48 holes 4JSPF .34" diameter
PERFORATION RECORD (Interval, eize and number)  2846-2858 ft 48 holes 4JSPF .34" diameter  32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  2846-2858 32,000 gal 70 quality foam with 46,000 lbs. 12-20 sand.
PERFORATION RECORD (Interval, size and number)  2846-2858 ft 48 holes 4JSPF ,34" diameter  32. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  2846-2858 32,000 gal 70 quality foam with 46,000 lbs. 12-20 sand.
2846-2858 ft  48 holes  4JSPF  .34" diameter
2846-2858 ft  48 holes 4JSPF .34" diameter  2846-2858   32,000 gal 70 quality foam with 46,000 lbs. 12-20 sand.
2846-2858 ft  48 holes  4JSPF .34" diameter  2846-2858  32,000 gal 70 quality foam with  46,000 lbs. 12-20 sand.
48 holes  4JSPF .34" diameter  2846-2858  32,000 gal 70 quality foam with  46,000 lbs. 12-20 sand.
4JSPF 46,000 lbs. 12-20 sand.
.34" diameter
PRODUCTION
THE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  WELL STATUS (Producing or shut-in)  SI
THOURS TESTED CHOKE SIZE PROD'N. FOR OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RATIO  NO Flow
OW. TUBING PRESSURE CALCULATED OIL.—BBI GAS—MCF. WATER—HBL. OIL GRAVITT-API (CORR.)
DIBPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Shut-in for pressure buildup. Randy Thille
Shut-in for pressure buildup. Randy Thille  LIST OF ATTACHMENTS  ACCEPTED TO A
ACCEPTED LOS
I hereby cercity that the forestiff and attached information is complete and correct as determined from all available records
1/1/2 1/ 1/1/1/0.1
SIGNED TITLE Petroleum Engineer DATE 1-4-93

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

Picture	Fruitla ale	Ojo Ala	i ex	FOATION	
2790	2640	2436		ТОР	including depth i
	264U 2790	2394		BOTTOM	Show all important a nterval tested, cus
Natural Gas		Water		DESCRIPTION, CONTENTS, ETC.	RY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all tem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and ites):
Pictured Cliffs	Kirtland	Ojo Alamo	N > K c		38. GEO
2790	2594	2436	MEAS, DEPTH	T	GEOLOGIC MARKERS
			TRUE VERT. DEPTH	TOP	