

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brzoz Rd., Aztec, NM 87410

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

WELL API NO. 30-025-35529
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gach "31" State
8. Well No. 1
9. Pool name or Wildcat Vacuum; Morrow
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4083' GL

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Patterson Petroleum LP	3. Address of Operator P.O. Drawer 1416 Snyder, TX 79550	4. Well Location Unit Letter 0 : 990 Feet From The South Line and 1650 Feet From The East Line Section 31 Township 17S Range 34E NMPM Lea County
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

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.

08/04/01 - Moved in, rigged up Patterson Drilling Co. Rig #47. Spudded well @3:30 p.m. Drilled to 397'. Rigged up casing crew & ran 9 jts 13-3/8" 48# H40 ST&C casing w/5 centralizers. Set @397.92'. Cemented w/500 sx class "C" w/2% CCL & 1/4#/sk celloflake. Circulated 116 sacks to the pit. Waited 3 1/2 hrs on cement.

08/05/01 397 - 1070' - Welded on head, nipples up & tested BOP. Waited 21 1/2 hrs before drilling cement. Bit #2 (12 1/4" in @397')

08/06/01 1070 - 1920' - Drilled/surveyed.

08/07/01 1920 - 2623' - Drilled/surveyed.

08/08/01 2623 - 2976' - Drilled/surveyed.

08/09/01 2976 - 3158' - Drilled/surveyed. Trip for Bit #3 (12 1/4" in @2998')

08/10/01 3158 - 3459' - Drilled/surveyed.

08/11/01 3459 - 3709' - Drilled/surveyed.

08/12/01 3709 - 3886' - Drilled

08/13/01 3886 - 4182' - Drilled/surveyed.

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

SIGNATURE Nolan von Roeder TITLE Petroleum Engineer DATE _____

TYPE OR PRINT NAME Nolan von Roeder TELEPHONE NO. 915/573-1938

(This space for State Use)

APPROVED BY _____ TITLE ADULT PAULZ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

08/14/01 4182 - 4427' Drilled/surveyed.
 08/15/01 4427 - 4708' Drilled/surveyed.
 08/16/01 4708 - 4825' Drilled/surveyed. Ran 111 jts 9-5/8" casing set @4776'. Cemented w/1500 sx 35/65 Poz/C + 5% salt + 1/2#/sk celloflake & 250 sx "C" neat. Circulated 372 sx to the pit.
 08/17/01 4825 - 4825' Waited 23 1/2 hours on cement. Trip for bit #4 (8-3/4")
 08/18/01 4825 - 5584' Drilled/surveyed. Drilled cement.
 08/19/01 5584 - 6117' Drilled/surveyed.
 08/20/01 6117 - 6505' Drilled/surveyed.
 08/21/01 6505 - 6845' Drilled/surveyed.
 08/22/01 6845 - 7225' Drilled/surveyed.
 08/23/01 7225 - 7686' Drilled/surveyed.
 08/24/01 7686 - 7843' Drilled/surveyed. Trip for bit #5 (8-3/4")
 08/25/01 7843 - 8261' Drilled/surveyed.
 08/26/01 8261 - 8591' Drilled/surveyed.
 08/27/01 8591 - 8888' Drilled/surveyed. Trip out for DST #1.
 08/28/01 8888 - 8888' Trip in hole w/DST #1 from 8842 - 8888')
 08/29/01 8888 - 9220' Trip, reaming & wash, drilled.
 08/30/01 9220 - 9576' Drilled/surveyed.
 08/31/01 9576 - 9951' Drilled/surveyed.
 09/01/01 9951 - 10,389' Drilled/surveyed.
 09/02/01 10,389 - 10,623' Drilled/surveyed. Trip for bit #6 (8-3/4")
 09/03/01 10,623 - 10,924' Drilled/surveyed. Circulate & condition mud. Lost circulation @10,924'
 09/04/01 10,924 - 10,929' Drilled 5'. Trips to unplug bit & collars & change BHA. Lost returns.
 09/05/01 10,929 - 11,271' Dry drilling. Working stuck pipe.
 09/06/01 11,271 - 11,271' Worked stuck pipe, ran freepoint, trip, logged & laid down drill collars & drill pipe.
 09/07/01 11,271 - 11,271' Laid down 4 1/2" drill collars & drill pipe - picked up 3 1/2" DCs & DP.
 09/08/01 11,271 - 11,271' Trip, logged, fished & retrieved Bit #6. Waiting on orders.
 09/09/01 11,271 - 11,271' Ran 259 jts 7" P110 LT&C casing, float collar & shoe. KB setting depth 11,271'. Started cementing.
 09/10/01 11,271 - 11,271' Cemented w/400 sx 35/65 Poz/H + 5% salt + .2% FL-62 & 250 sx 50/50 Poz/H + 2% gel + 5#/sk salt + .2% CD-32. NDBOP & set slips. NUBOP.
 09/11/01 11,271 - 11,271' Trip. Picked up, laid down & changed BHA. Tested BOP & seat nipple. Displaced mud. Waited 44 1/4 hrs on cement. Started drilling cement.
 09/12/01 11,271 - 11,438' Drilled cement, float & guide shoe. Drilled/surveyed. Bit #7(6-1/8")
 09/13/01 11,438 - 11,585' Drilled. Started tripping out of hole.
 09/14/01 11,585 - 11,667' Trip, reaming & wash, drilled. Bit #8 (6-1/8")
 09/15/01 11,667 - 11,800' Drilled.
 09/16/01 11,800 - 11,962' Drilled/surveyed.
 09/17/01 11,962 - 12,088' Drilled.
 09/18/01 12,088 - 12,204' Drilled.
 09/19/01 12,204 - 12,276' Drilled. Trip for bit #9 (6-1/8")
 09/20/01 12,276 - 12,372' Drilled.
 09/21/01 12,372 - 12,408' Drilled/surveyed. Trip for bit #10 (6-1/8")
 09/22/01 12,408 - 12,518' Drilled.
 09/23/01 12,518 - 12,618' Drilled.
 09/24/01 12,618 - 12,762' Drilled.
 09/25/01 12,762 - 12,952' Drilled. Mudded up @12,950'.
 09/26/01 12,952 - 13,074' Drilled/surveyed.
 09/27/01 13,074 - 13,127' Drilled. Trip for bit #11 (6-1/8")
 09/28/01 13,127 - 13,264' Drilled.
 09/29/01 13,264 - 13,335' Drilled & circulated samples (13,304-16')
 09/30/01 13,335 - 13,418' Drilled.
 10/01/01 13,418 - 13,518' Drilled/surveyed.
 10/02/01 13,518 - 13,590' Drilled.
 10/03/01 13,590 - 13,595' TD. Drilled, surveyed & started logging. Loggers TS 13,592'.
 10/04/01 13,595' Finished logging, circulated, installed rotating head & trip to pick up liner.
 10/05/01 Ran 61 jts of 5" 18#/ft P110 FJ, SJ2 Liner, tie back sleeve, packer assembly, hanger assembly, landing collar & guide shoe (2673.45'). Top of liner @10,926' KB, bottom of liner @13,595' KB. Pumped 18 bbls of 12 ppg mud flush, 330 sx class H w/1.6 gps D600 +0.05 gps D801 + 0.2 gps D604AM. Cement wt 16.2 ppg, Yield 1.1 cuft/sk. Followed by 2 bbls 12 ppg mud flush & 116 bbls 10.8 ppg drilling mud. Pressured plug to 3500 psi, held. No flow back. Waiting on cement
 10/07/01 Waiting on cement, trip, displaced mud & checked flow, cut drilling line. Pressure

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 Hours
 Released