

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons. Division
825 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Matador Operating Company

3. Address and Telephone No.
310 W. Wall, Ste 906, Midland, TX 79701 915-687-5955

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL; 1650' FWL
Sec 5, T19S, R34E

5. Lease Designation and Serial No.

NM4314

6. Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Pipeline Deep Fed Com5-1

9. API Well No.

30-025-34259

10. Field and Pool, or Exploratory Area

Quail Ridge, Morrow NGas

11. County or Parish, State

Lea Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attached

14. I hereby certify that the foregoing is true and correct

Signed Run Mathis

Title Production Manager

Date 1/14/00

(This space for Federal or State office use)

Approved by Chris Williams

Title _____

Date _____

Conditions of approval, if any:

RECEIVED
JAN 18 2000
BLM
ROSWEIL, NM

Matador Petroleum Corp.
Daily Completion/Workover Report

Pipeline Fed Com #5
Lea Co., NM

9/29/1999 DAY1
MIRU WELL SEVICE UNIT, MADE 2 SWAB RUNS TO 4500' TO CLEAR TUBING OF PARAFFIN. RU KILL TRUCK AND PUMP 27 BBLs OF 10# BRINE DOWN TUBING, TUBING LOADED. PUMP 10 BBLs OF BRINE @ 1/4 BPM 3000 PSI. RU SLICK LINE TRUCK AND GIH TO TOP OF GUNS @ 13,161'. ATTEMPT TO FISH BAR, POOH AND DID NOT HAVE BAR. MADE SECOND RUN AND FISH FIRING BAR, POOH W/ 1-1/4" X 6' BAR W/ 1" NECK. ND TREE, NU BOP, RELEASE ON/OFF TOOL AND EQUALIZE. LATCH ON/OFF TOOL AND RELEASE PLS PKR POOH W/ 416 JTS OF 2-7/8" N-80 TUBING, LAY DOWN PKR AND BHA. SHUT DOWN TILL A.M.

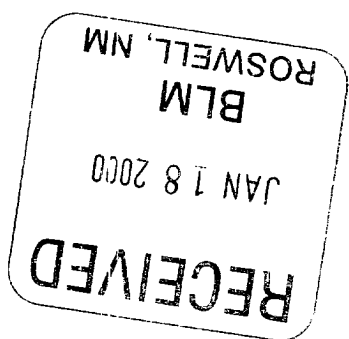
9/30/99 DAY 2
THIS A.M. PU 4-11/16" SHORT CATCH OVER SHOT W/ OPEN GRAPPLE. PU BUMPER SUB AND GIH W/ 420 JTS 2-7/8" 6.5# N-80 TBG, TAG TOP OF FISH @ 13,165'. ATTEMPT TO PU PERF GUNS. POOH W/ 27 STANDS OF TBG & TBG BEGAN PULLING WET. SWAB TBG DWN & CONTINUE PULLING. FINISH OUT OF HOLE & FOUND OVER SHOT PACKED FULL. IN TOP OF OVER SHOT WAS 1 PACKER ELEMENT THE REST OF OVER SHOT WAS FULL OF CARD BOARD W/ WHAT APPEARED TO BE A VERY FINE SAND. PACKED IN THE CARD BOARD WAS TWO SPRINGS APPROXIMATELY 6" LONG. WILL RE-RUN OVER SHOT IN A.M.

9/30/99 DAY 3
PU 4- 11/16" OVER SHOT SHORT CATCH W/ OPEN GRAPPLE, PU BUMPER SUB & 6 3-1/2" DRILL COLLARS, FINISH IN HOLE W/ 414 JTS OF 2-7/8" N-80 TBG, TAG FISH, PUMP 100 BBLs OF 10# BRINE WTR, BREAK CIRCULATION. CIRCULATION 3' OF SOFT FILL, CIRCULATE TO SURFACE. FOUND CARD BOARD W/ SWAB CUP RUBBER AND PKR RUBBER. SMALL AMOUNT OF FINE SAND. FISH GUNS AND POOH W/ TBG, COLLARS. STAND BACK GUNS. BOTTOM 20' HAD NO PERFS, APPARENTLY ZONE FROM 13,199' TO 13,205', AND 13,213' WAS NOT FIRED, SHUT DOWN FOR NIGHT.

10/1/99 DAY 4
FINISH LAYING DOWN TOP GUNS. PU 4- 11/16" GLOBE BASKET W/ TWO SETS OF FINGERS. GIH W/ COLLARS AND REST OF TBG. TAG TOP OF FILL @ 13,281', BREAK CIRCULATION AND ROTATE SLOWLY W/ 1 PT COMPRESSION. WASH DOWN 7' OF SOFT FILL, INCLUDING CARD BOARD W/ POOR CEMENT. CONTINUE TO DRILL CEMENT DOWN TO 13,308' TILL BASKET STOPPED DRILLING. POSSIBLE TOP OF CIBP. POOH W/ 100 STANDS OF 2- 7/8" TBG AND SHUT DOWN TILL A.M.

10/2/99 DAY 5
FINISH OUT OF HOLE W/ TBG, STAND BACK BHA, BROKE DOWN GLOBE BASKET, FOUND 4" CORE OF CEMENT W/ 2 FULL SLIP SEGMENTS AND PIECES OF THIRD SEGMENT BROKEN UP, (AT LEAST 3/4 OF THIRD SEGMENT). PU 4- 3/4" SKIRTED BIT, GIH W/ COLLARS AND TBG, TAG @ 13,308', BREAK CIR AND BEGAN DRILLING. DRILL 1' OF CEMENT, CIRCULATE BOTTOMS UP AND RECOVERED CEMENT. PUMP HAS BEARING OUT OF POWER END. SHUT DOWN. WILL SWITCH PUMP OUT AND CONTINUE TO DRILL MONDAY.

10/4/99 DAY 6
BREAK CIRCULATION & BEGAN DRILLING @ 13,308'. DRILL 8' OF CEMENT & TAG PLUG. DRILL CIBP AT 13,316' IN 45 MIN. FELL THROUGH & CHASE BOTTOM OF PLUG TO 13,436", CIRCULATE BOTTOMS UP. RD REVERSE EQUIPMENT, POOH W/ TBG & LAY DOWN DRILL COLLARS & BHA. RU ELECTRIC LINE & GIH W/ 3- 3/8" EXPENDABLE JET PERFORATING GUNS LOADED 6 JSPF. PERF, 13,329-333', 13,209'-13,212'. 13,199'-13,202', 13,155'-13,165', TOTAL OF 120 EXTRA HOLES, .45" HOLES. RD ELECTRIC LINE AND SHUT IN TILL A.M.



10/5/99

DAY 7

THIS AM TRIP IN HOLE W/ HOWCO 5-1/2" RTTS PKR, 2-7/8" SSN, THEN 424 JTS 2-7/8" 6.5# EUE 8RND TBG. PU 32' SUBS AND SET RBP @ 13,350'. POOH & SET RTTS @ 13,277' ESTABLISH INJECTION RATE ON PERFS FROM 13,326' TO 13,336'. BROKE @ 6142 PSI. INCREASE RATE TO 4.2 BPM @ 6,618 PSI. (ISIP 5430, 5 MIN 5076). BLEED DOWN TBG. RELEASE PKR GIH & RETRIEVE RBP. POOH & SET RBP @ 13,261'. PU & SET PKR, TEST RBP TO 2000 PSI, HELD, POOH W/ PKR TO 13,182' SET PKR, ESTABLISH INJECTION RATE ON PERFS FROM 13,209' TO 212', 13,199'-13,202'. BROKE 5820 PSI. INCREASE RATE TO 3.38 BPM @ 6710 PSI, PUMP 9.6 BBLS, (ISIP 5320 PSI, 5 MIN 3750 PSI). BLEED DOWN PRESSURE, RELEASE PKR, GIH & RETRIEVE RBP, POOH & SET RBP @ 13,145', TEST TO 2000 PSI HELD. POOH W/ PKR & SET a 13,031', ESTABLISH RATE IN PERF FROM 13,107'-10', AND 13,095'-13,105'. ESTABLISH RATE 3 BPM @ 5800 PSI. INCREASED TO 3.4 BPM 6396 PSI, SLIGHT BREAK BACK IN TUBING PRESSURE & CASING PRESSURE INCREASE FROM 0 PSI TO 2217 PSI, SHUT DOWN, TUBING PRESSURE FELL TO 430 PSI IN 15 MIN. PKR FAILED. SHUT DOWN TILL AM.

10/6/99

DAY 8

THIS AM RESET PKR @ 13,000'. 1 JT HIGHER, ESTABLISH RATE INTO FORMATION OF 4.2 BPM, 6,750 PSI, PUMP 18 BBLS OF 10# 2% BRINE INTO FORMATION, SHUT DOWN. ISDP APPROX. 2900 PSI, FELL TO VACUUM IN 4 MIN, RETEST TO 3.48 BPM 6,350 PSI, PUMP 20 BBLS BRINE, SHUT DOWN, ISDP HARD TO ESTABLISH BECAUSE OF THE STEADY DROP TO VACCUM IN 4 MIN (PERFS 13,095' TO 110') RELEASE PKR AND PLUG, RESET RBP @ 13,192', COULD NOT GET STEADY HOLD. RELEASE PLUG & PKR & POOH TO 12,965' SET PLUG & PKR, ATTEMPT TO TEST IN BLANK CASING, VERY SLIGHT LEAK OFF FROM 3,000 PSI, TEST LINES ON TRUCK AGAIN AND FOUND VALVES LEAKING. REPLACE VALVES AND COULD NOT GET TEST ON LINES, CONTINUE TO SHOW LEAK OFF. CHANGE OUT TRANSDUCERS & COULD NOT GET TEST ON PUMP AND LINES, DROP STANDING VALVE IN TBG AND RE ZERO COMPUTER AND TRANSDUCERS. TEST TBG TO 5000 PSI W/ MECHANICAL GAUGE IN TBG, HAD NO LEAK OFF IN 15 MIN, GIH AND RETRIEVE STANDING VALVE W/ SAND LINE. RETEST RBP TO 5000 PSI, LEAK BACK TO 0 PSI IN 15 MIN, PKR HOLDING BUT RBP LEAKING NOW. SHUT DOWN TILL AM, WILL TRIP PKR AND PLUG.

10/7/99

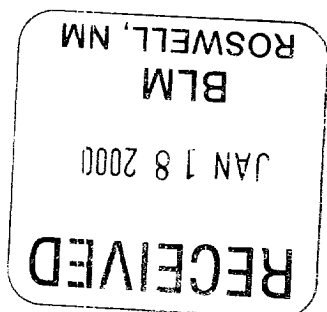
DAY 9

POOH W/ TBG AND PKR AND RBP, FOUND PKR MISSING ELEMENT, RBP HAD 1 ELEMENT THAT WAS FLUID WASHED SEVERLY, CHANGE OUT PKR & RBP, GIH & SET RBP @ 13,390'. POOH W/ RTTS & SET @ 13,277'. RU PUMP & BEGAN PUMPING. PUMP INTO FORMATION W/ 2% 10# BRINE AT 3.3 BPM, 7028 PSI. PRESSURE CONTINUE TO DROP TO 6467 PSI & STABILIZED FOR 5 MIN. SHUT DOWN. ISIP WAS 5360 PSI. 5 MIN 3819 PSI. 10 MIN 1058 PSI. 15 MIN 508 PSI, BLEED OFF PRESSURE & MOVE RBP TO 13,267'. ATTEMPT TO TEST RBP, COULD NOT. RESET & RETEST TWO TIMES AND COULD NOT GET TEST. PULLED PKR & PLUG ABOVE TOP PERFS & RESET BOTH. CIRCULATED AROUND PKR. RELEASED PKR & PLUG & PREPARE TO POOH. NOTE: PERFS @ 13,328' TO 36' APPEAR TO BE ROUGH. WHEN PULLING OR RUNNING PKR OR PLUG THROUGH PERFS THERE IS A SLIGHT DRAG. PUMP 27 BBLS INTO LOWER ZONE TO ESTABLISH RATE & GET SHUT IN PRESSURES.

10/8/99

DAY 10

POOH W/ TBG, PKR & RBP, FOUND ELEMENT PARTIALLY WASHED OFF OF RBP. PU DRESSED RBP & GIH W/ SAME. SET RBP @ 13,261' & TEST TO 2000 PSI W/ NO LEAK OFF, POOH W/ PKR & SET @ 13,182'. ESTABLISH RATE INTO PERFS FROM 13,199' TO 13,212'. PUMP IN 3.25 BPM @ 6822, 18 BBLS OF 10# 2% INTO FORMATION, ISDP, 5690 PSI, 5 MN 4090 PSI. 10 MIN 3595 PSI, 15 MIN 3126 PSI, BLEED OFF TBG & RELEASE PKR & RBP. SET RBP @ 13,192', AND TEST TO 2000 PSI W/ NO LEAK OFF. POOH & SETS RTTS @ 13,136'. ESTABLISH RATE INTO PERFS FROM 13,155' TO 13,173', @ 3.54 BPM, 5930 PSI, PUMP TOTAL OF 40 BBLS 10#, 2% BRINE INTO FORMATION, TO ESTABLISH FLAT LINE, PUMP IN 5728 PSI, ISDP 4875 PSI, 5 MIN 3650 PSI, 10 MIN 2572 PSI, 15 MIN 1841 PSI, BLEED DOWN TO 0 & SHUT IN FOR NIGHT.



10/9/99

DAY 11

POOH W/ RBP & SET RBP @ 13,144', TEST TO 2000 PSI W/ NO LEAK OFF, POOH & SET PKR @ 13,000', ESTABLISH RATE INTO PERFS FROM 13,095' TO 13,110', PUMP IN 3.75 BPM @ 6540 PSI, ISDP 4425 PSI, FELL TO VACUUM IN 4 MIN. RELEASE PKR & RETRIEVE PLUG, POOH W/ PKR & PLUG, SHUT DOWN TILL MONDAY. PUMP TOTAL OF 25.5 BBLS OF 10# 2% BRINE INTO UPPER PERFS.

SUMMARY

| <u>PERFS</u> | <u>INI-RATE</u> | <u>INI-PRESS</u> | <u>ISDP</u> | <u>5, 10, 15 MIN. SI</u> |
|--------------|-----------------|------------------|-------------|--------------------------|
| 13095-13110 | 3.75 BPM | 6540 | 4425-4600 | VACUUM 4 MIN. |
| 13155-13173 | 3.54 BPM | 5728 | 4875 | 3650, 2572, 1841 |
| 13199-13212 | 3.25 BPM | 6822 | 5690 | 4090, 3595, 3126 |
| 13326-13336 | 3.3 BPM | 6467 | 5360 | 3819, 1058, 508 |

10/11/99

DAY 12

CASING ON SLIGHT VACUUM THIS AM PU 2-7/8" COLLAR, 2-7/8" "XN" PROFILE W/ 2.205" NO GO, GIH W/ 2-7/8" X 10' N-80 TBG SUB, PU REDRESSED PLS 5-1/2" X 2-7/8" 17# W/ ON/OFF TOOL W/ 2.313" PROFILE 1 JOINT 2-7/8" 6.5# N-80 TBG, 2-7/8" "X" PROFILE W/ 2.313" PROFILE, FINISH IN HOLE W/ 413 JTS OF 2-7/8", 6.5# N-80 SAME TBG. SET PKR W/22 PTS COMPRESSION, ND BOP & NU WELL HEAD. PKR SET @ 13,001'. BOTTOM "XN" PROFILE @ 13,012', TOP "X" PROFILE @ 12,963'. RU SWAB & BEGAN SWABBING, INITIAL FLUID LEVEL IS @ 700', SWAB FOR 4 HRS, RECOVERED 30 BBLS OF BRINE WATER W/ TRACE OF GAS. LEFT OPEN ON 10/64" CHOKE TO TANK.

10/12/99

DAY 13

THIS AM NO FLOW TO TANK. DID NOT FLOW ANY FLUID LAST 12 HOURS. RU SWAB AND GIH TO INITIAL FLUID LEVEL @ 5,500', SWAB FOR 8 HRS & RECOVERED 54 BBLS OF BRINE WTR W/ NO OIL & SLIGHT GAS BLOW. FLUID LEVEL @ 11,700' AND SCATTERED, LAST 2 HRS WAIT 30 MIN BETWEEN RUNS & FLUID COMING UP HOLE 250'. SHUT IN FOR NIGHT.

10/13/99

DAY 14

THIS AM 13 HRS SHUT IN TBG PRESSURE IS 350 PSI, BLEW DOWN W/ NO FLUID TO SURFACE. RU SWAB & BEGAN SWABBING, INITIAL FLUID LEVEL WAS 8,100'. SWAB FOR 6 HRS & RECOVERED 25 BBLS OF BRINE WTR, SLIGHT GAS BLOW DURING & AFTER RUNS, SLIGHTLY STRONGER THAN PREVIOUS DAY. SHUT IN TILL AM.

10/14/99

18 HR SHUT IN TBG PRESSURE 720 PSI, BLEW DOWN AND SWITCHED TO SALES LINE, FLOWING 90 MCFD. RU SWAB AND BEGAN SWABBING, IFL 10,500', SWAB FOR TWO HRS AND RECOVERED 9 BBLS BRINE WATER. RU KILL TRUCK AND LOADED TBG W/ 2% KCL WATER, ND WELL HEAD AND NU BOP, RELEASE ON/OFF TOOL, CIRCULATE HOLE W/ TOTAL OF 300 BBLS OF 2% KCL WATER. RD KILL TRUCK AND BEGAN LAYING DOWN 2-7/8" TBG, LAY DOWN 75 JTS AND SHUT DOWN TILL AM.

10/15/99

DAY 16

CONTINUE LAYING DOWN TUBING, COMPLETE LAYING DOWN TUBING. SHUT IN TILL AM WITH TEST IN HOLE W/ 3-1/2" FRAC STRING IN AM.

10/16/99

DAY 17

PU REDRESSED RETRIEVING HEAD, MOVE 2-7/8" TUBING WITH FORK LIFT AND UNLOAD 3-1/2" FRAC STRING. PU RETRIEVING HEAD, TEST CHANGE OVER (2-7/8" X 3-1/2"). TEST IN HOLE WITH 220 JTS OF 3-1/2" 9.3 # N-80 AND L-80 FRAC STING, SHUT DOWN TILL MONDAY.

10/17/99

DAY 18

FINISH TESTING IN HOLE 9,500 PSI ABOVE SLIPS WITH 196 JTS 3-1/2" 9.2# N-80 8RND TBG. TEST ONE 10' X 3-1/2" SUB AND 2 6' X 3-1/2" SUBS, THEN SPACE OUT WITH ONE ADDITIONAL JOINT. 35 PTS ON PKR. TOTAL OF 417 JTS IN HOLE. LATCH UP ON/OFF TOOL AND ND BOP, NU FRAC



STAC. RU KILL TRUCK, PRESSURE UP ON CASING AND ON/OFF TOOL TO 3,000 PSI W/ NO LEAK OFF IN 10 MIN BLEED OFF CASING AND SHUT IN. RIG DOWN WELL SERVICE UNIT WILL FRAC ON WEDNESDAY.

10/20/99

DAY 19

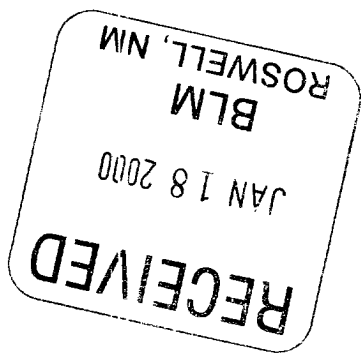
MIRU DOWELL FRAC EQUIP INCLUDING 11 PUMPS W/ TOTAL OF 15,600 HYDRAULIC HORSEPOWER. FRAC MORROW PERFS 13095 - 13110, 13155 - 13173, 13199 - 13212, AND 13326 - 13336 W/ 84184 GALS OF HT BORATE. XLINK W/ 35 - 30 LB. GEL LOADING AND 6000 LBS 30/60 CARBO PROP PLUS 133000 LBS 20/40 BAUXITE. ATP 10675, MTP 12044, AIR 34.5 BPM, MIR 35.1 BPM. PUMP SC 46 ZWLD IN PAD. PUMP IR 192 ZW IN ALL SAND STAGES. HALF LIFE ON BOTH ISOTOPES IS 60 DAYS. PUMP SCHEDULE AS FOLLOWS:

| <u>FLUID</u> | <u>VOLUME</u> | <u>TYPE FLUID</u> | <u>SAND VOLUME</u> |
|--------------|---------------|--|--------------------|
| PAD | 150 BBL | 35 LB XLINK BORATE YF 103.1 HTD | 0 |
| | | SD TO OBTAIN ISIP @ 6360 AND ALLOW FLUID IN TBG TO THICKEN | |
| PAD | 13 BBL | 35 LB XLINK BORATE | 0 |
| | | SD TO OBTAIN ISIP @ 6250 | |
| PAD | 699 BBL | 35 LB XLINK BORATE | 0 |
| IPPA | 74 BBL | 35 LB XLINK BORATE YF 103.1 HTD 30/60 CARBO PROP | 3000 LBS |
| 1.5 PPA | 50 BBL | 35 LB XLINK BORATE YF 103.1 HTD 30/60 CARBO PROP | 3000 LBS |
| 2.0 PPA | 128 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 10000 LBS |
| 2.5 PPA | 156 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 15000 LBS |
| 3.0 PPA | 185 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 21000 LBS |
| 3.5 PPA | 161 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 21000 LBS |
| 4.0 PPA | 109 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 16000 LBS |
| 4.5 PPA | 111 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 18000 LBS |
| 5.0 PPA | 104 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 18400 LBS |
| 6.0 PPA | 66 BBL | 30 LB XLINK BORATE YF 130.1 HTD 20/40 BAUXITE | 13600 LBS |
| FLUSH | 115 BBL | 30 LB LINEAR | 0 |

ISIP 6820, 5 MIN 6624, 10 MIN 6480, 15 MIN 6360, 20 MIN 6203. RD DOWELL. RU FLOWBACK EQUIPMENT. OWTT AFTER 4 HRS SI. SITP AFTER 4 HRS @ 3150 PSI. LWOTT OVERNIGHT. FLOW AS FOLLOWS:

| <u>TIME</u> | <u>TP</u> | <u>CHOKE</u> | <u>FLUID</u> |
|-------------|-----------|--------------|------------------------------------|
| 6:40 | 3150 | 6/64" | 0 |
| 7:40 | 1300 | 12/64" | 17 |
| 8:40 | 600 | 16/64" | 37 |
| 9:40 | 250 | 16/64" | 29 |
| 11:00 | 20 | 20/64" | 10 |
| 12:00 | 20 | 32/64" | 4 |
| 1:00 AM | 20 | 32/64" | 4 |
| 2:00 | 20 | 32/64" | 4 |
| 3:00 | 20 | 32/64" | 4 |
| 4:00 | 20 | 32/64" | 4 |
| 5:00 | 20 | 32/64" | 4 |
| 6:00 | 500 | 32/64" | 211 TRACE OF OIL W/ SLIGHT GAS OUT |
| 6:30 | 20 | 32/64" | 0 |

TOTAL 328 BBLs FOR LAST 11 HRS. TOTAL LOAD 2,200 BBLs. 1,872 BBLs LEFT TO RECOVER.



10/21/99

DAY 20

| <u>TIME</u> | <u>TP</u> | <u>CHOKE</u> | <u>BBLS</u> | <u>AVG RATE</u> | <u>MCFD</u> |
|-------------|-----------|--------------|-------------|-----------------|---------------------|
| 7:00 | 680 | 20/64 | 5 | 5 | |
| 8:00 | 650 | 20/64 | 24 20% OIL | 24 | |
| 9:00 | 680 | 20/64 | 26 | 26 | |
| 10:00 | | 20/64 | 15 | 15 | |
| 11:00 | | 20/64 | 15 | 15 | |
| 12:00 | 680 | 20/64 | 15 | 15 | |
| 3:00 PM | 560 | 20/64 | 45 | 15 | 700 SWITCH TO SALES |
| 7:00 | 650 | 20/64 | 48 | 16 | 650 |
| 12:00 PM | 600 | 20/64 | 75 | 15 | 750 |
| 3:00 AM | 500 | 20/64 | 24 32% OIL | 8 | 750 |
| 6:00 | 500-550 | 20/64 | 24 | 8 | 750 |

272 TOTAL RECOVERED LAST 23 HOURS. 1600 BBLS LEFT TO RECOVER.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> | |
|----------|------------|-----------|------------|------------|----------------------------|
| 10/22/99 | 293 | 500 | | | 187 BTF 17% OIL |
| 10/23/99 | 717 | 175 | | | 156 BTF 20% OIL |
| 10/24/99 | 678 | 200 | | | 100 BTF 45% OIL |
| 10/25/99 | 629 | 150 | | | 100 BTF 45% OIL 1209 BLLTR |
| 10/26/99 | 616 | 150 | 88 | 36 | |
| 10/27/99 | 603 | 150 | 93 | 46 | |
| 10/28/99 | 596 | 150 | 83 | 14 | |
| 10/29/99 | 596 | 150 | 81 | 49 | |
| 10/30/99 | 581 | 150 | 72 | 34 | |
| 10/31/99 | 575 | 150 | 72 | 28 | |
| 11/01/99 | 562 | 150 | 62 | 26 | |

11/2/99

DAY 21

MOVED 500 BBLS. A CONE BOTTOM STOCK TANK FROM PLDU #1 AND SET.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/02/99 | 545 | 150 | 66 | 22 |

11/3/99

DAY 22

ROUSTABOUT CREW CONNECTED THE 500 BBLS STOCK TANK, HUNG WALKWAY AND STAIRWAY.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/03/99 | 551 | 150 | 62 | 0 |
| 11/04/99 | 540 | 150 | 61 | 18 |
| 11/5/99 | 527 | 150 | 62 | 6 |
| 11/6/99 | 523 | 150 | 60 | 20 |
| 11/7/99 | 517 | 150 | 58 | 14 |
| 11/8/99 | 520 | 150 | 64 | 16 |
| 11/9/99 | 511 | 150 | 60 | 17 |

11/10/99

INSTALLED FLOW TEE AND SWAB VALVE. RU SLICK LINE AND RAN 1-14" SAMPLE BAILER. TAGGED FILL AT 13,326' K.B. POH AND RD SLICK LINE.

ROUSTABOUT CREW INSTALLED 3" LOAD LINE ON THE 210 OIL TANK. CREW BUILT BLEED LINE TO FG WATER TANK.

RECEIVED
JAN 18 2000
BLM
ROSWEIL, NM

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/10/99 | 516 | 150 | 62 | 20 |
| 11/11/99 | 446 | 200 | 25 | 3 |
| 11/12/99 | 470 | 100 | 63 | 16 |
| 11/13/99 | 466 | 100 | 58 | 14 |
| 11/14/99 | 465 | 150 | 69 | 33 |

11/14/99 RU SCHLUMBERGER MAST UNIT AND ELEC LINE TRUCK. RIH W/ PRODUCTION LOGGING TOOL. TOOLS SAT DOWN IN TOP OF PKR AND WOULD NOT PASS THROUGH. SUSPECT CENTRALIZER/CALIPER ON TOOLS IS NOT RETRACTING. POH. PU MULTI ISOTOPE TRACER TOOL. RIH. NO PROBLEM GOING THROUGH PKR. RAN TRACER LOG. RESULTS TO FOLLOW.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/15/99 | 463 | 100 | 41 | 11 |
| 11/16/99 | 451 | 100 | 47 | 15 |
| 11/17/99 | 457 | 100 | 46 | 12 |

11/18/99 RU Jarrell Slickline. RIH w/ 2.31 blanking plug and plug would not go past X nipple at 12,996'. Ran 1.90 gauge ring to 13,012 to bottom XN nipple. Ran 2.34 gauge ring to 12,996 stopping in X nipple. Ran 2.30 gauge ring to 12,996 stopping in X nipple. Ran 2.26 gauge ring to 13,012 to bottom XN nipple. Ran 2.30 gauge ring to 12,996 stopping in X nipple. Ran 2.30 broach to 13,012 and worked through X nipple several times. Ran 2.31 blanking plug and stopped in X nipple. On each plug run dog pin was sheared and tool stuck in the top swab valve. Spotted pulling unit, unable to rig up due to high winds from west.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/18/99 | 456 | 100 | 32 | 11 |

11/19/99 SI tbg pressure for 30 hrs is 1500 psi. MIRU Schlumberger Slickline. RIH w/ 2.31" blanking plug. Found top X nipple @ 13014' KB. Found bottom XN nipple @ 13030' KB. Set blanking plug in XN nipple. POH and bled tbg to 0 psi. RD slickline. RU key PU. Ready thread protectors.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/19/99 | 155 | | 0 | 0 |

Shut In

11/20/99 Pump 110 bbls 2% KCL in tbg. ND frac stack, and NU BOP. Attempted to release TOSSD without success. Loaded tbg csg annulus with 90 bbls 2% KCL. Attempted to release TOSSD without success. Wait on line scale indicator. Rig indicator was 35 pts off compared to the line scale indicator. Pulled to 110000 on line scale with 145000 on pad indicator and TOSSD released. Laid down 130 jts of 3.5" tbg. SWI&SD.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/20/99 | 0 | 0 | 0 | 0 |
| 11/21/99 | 0 | 0 | 0 | 0 |

Shut In

11/22/99 Laid down balance of 3-1/2" tbg. Load tbg and hauled to supplier. Load 2-7/8" on racks. Redress TOSSD RIH w/ 2-7/8" x 5-1/2" Otis 3 lug TOSSD, 1 jt 2-7/8", 1 - 2.313 Howco X Nipple, and 80 jts 2-7/8". SDON.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/22/99 | 0 | 0 | 0 | 0 |



11/23/99 Steamed balance tbg on rack. RIH w/ balance tbg. Spaced tbg w/ 70" of 22 pts of compression. Released TOSSD pulled 2' and reversed 275 bbls 2% KCL containing 110 gals pkr fluid, 5 gals oxygen scavenger from Pro Kem. Engage TOSSD and pulled 12 pts to check for lock. Installed wrap around. BO2 bushing and landed. ND BOP, installed tree. Valves turned wrong direction. Released TOSSD and turned tbg. Engaged TOSSD and pulled 12 pts to insure lock. Land tree, tested to 3000 psi. Tested annulus to 1500 psi. SDON

Tubing Detail:

| | | |
|--------------------------------------|----------|-------------|
| 1 - 5-1/2" x 2-7/8" Otis 3 lug TOSSD | 1.4 | |
| 1 - 2-7/8" EUE 8rd N-80 | 31.48 | |
| 1 - 2.313 Howco X Nipple | 1.28 | at 12970.19 |
| 413 - 2-7/8" EUE 8rd N-80 tbg | 12962.07 | |
| | 12966.23 | |
| Compression 22 pt | -5.88 | |
| | 12990.35 | |
| Blow K. B. | 14 | |
| Pkr depth K.B. | 13004.35 | |

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/23/99 | 0 | 0 | 0 | 0 |

11/24/99 Swabbed fluid down to 9500' w/ 14 runs. RU slickline and RIH w/ 2-1/2" GS pulling tool w/ equalizer prong. Engage XN plug at 13030'. Pressure started building in tbg. After two hours 75#, 3 hrs 150#, 5 hrs 275#. SD to let tbg equalize.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/24/99 | 0 | 0 | 0 | 0 |

11/25/99 Tbg pressure 1050 psi. Attempted to jar plug out of nipple for 3 hrs. Attempted to shear off of pulling tool without success. SD. At 5:00 p.m., tbg pressure built to 1300 psi.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/25/99 | 0 | 1050 | 0 | 0 |
| 11/26/99 | 0 | 1250 | 0 | 0 |

Shut In

11/27/99 Tbg pressure 1550 psi. Started to jar on XN plug. Jars appeared to quit working. Dropped cutter bar and POH with slickline. RU new rope socket. RIH and latched cutter bar at 13006'. POH with bar. Blow tbg down to 1000 psi. RIH w/ 2.25 blind box tagged fluid at 5700'. RIH to 13011' and jarred down on top of fish to 13013'. Attempted to unstick jars and shear GS pulling tool. Unsuccessful. POH and found fluid level at 5700'. RIH w/ 2" JDS pulling tool with undersized brass shear pin. Attempt to pull pulling tool or tool and plug. Unable to pull pulling tools or plug. Sheared off fish. POH. RU 2' JDS pulling tool, spang jars, and oil jars. Added section of lubricator and SDON.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/27/99 | 0 | 1250 | 0 | 0 |

11/28/99 Tbg pressure at 875 psi. RIH w/ 2" JDS pulling tool, spang jars, and oil jars. Engaged fish at 13011'. Jars fired once and then would not fire again. Used spang jars for 15 hits and tools sheared. POH and replace oil jars. RIH and engage fish at 13011'. Jars worked 1 time and quit. Continued to jar using spang jars. POH and found the 1-1/4" oil jars gas locked. RD Schlumberger slickline.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> |
|----------|------------|-----------|------------|------------|
| 11/28/99 | 0 | 850 | 0 | 0 |

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11/29/99 Tbg pressure 850 psi. RU Rotary Wireline. PU 70' of lubricator. RIH w/ 2" catch tool, jars, oil jars, sinker bars and CCL. Engaged fish at 13011. Jarred on blanking plug for 1.5 hrs. Bled tbg pressure slowly to 650 psi while jarring. Plug pulled loose and drug for 3'. Plug drug in tbg collars until pulling out of fluid at 6400'. Recovered all tools. RD lubricator and wireline truck. Open well to tank. Flowed 8 bbls to tank. Put well down line. After 1 hr of flowing poly flowline ruptured. Repaired poly line and continued to flow at 600 - 700 MCF/day. RDMOPU. At 7:00 a.m. 11/30, tbg pressure at 1000 psi flowing 600 MCF.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> | |
|----------|------------|-----------|------------|------------|---------------------------|
| 11/29/99 | 0 | 0 | 0 | 0 | |
| 11/30/99 | 168 | 1000 | 27 | 26 | |
| 12/01/99 | 682 | 850 | 56 | 12 | |
| 12/02/99 | 468 | 650 | 33 | 3 | |
| 12/03/99 | 482 | 600 | 33 | 3 | |
| 12/04/99 | 436 | 550 | 30 | 4 | |
| 12/05/99 | 358 | 500 | 28 | 3 | Line Freezing @ meter run |
| 12/06/99 | 373 | 500 | 25 | 5 | |
| 12/07/99 | 299 | 500 | 27 | 2 | |
| 12/08/99 | 365 | 400 | 36 | 15 | |
| 12/09/99 | 356 | 400 | 30 | 12 | |
| 12/10/99 | 459 | 350 | 28 | 9 | |
| 12/11/99 | 439 | 350 | 27 | 9 | |
| 12/12/99 | 429 | 350 | 31 | 15 | |
| 12/13/99 | 442 | 350 | 32 | 9 | |
| 12/14/99 | 414 | 350 | 30 | 12 | |
| 12/15/99 | 447 | 350 | 33 | 9 | |
| 12/16/99 | 471 | 250 | 30 | 9 | |
| 12/17/99 | 463 | 300 | 33 | 9 | |
| 12/18/99 | 469 | 250 | 34 | 9 | |
| 12/19/99 | 441 | 350 | 28 | 9 | |
| 12/20/99 | 405 | 400 | 26 | 9 | |

12/20/99 Schlumberger ran PSP log. Logs indicated majority oil and gas coming from top 2 sets of perforations. Bottom 2 sets indicated majority water entry with some oil and gas. Logs to be processed and shipped in at later date.

| | <u>MCF</u> | <u>TP</u> | <u>OIL</u> | <u>WTR</u> | |
|----------|------------|-----------|------------|------------|---------------------------------------|
| 12/21/99 | 433 | 350 | 25 | 6 | |
| 12/22/99 | 378 | 300 | 31 | 9 | Flowline froze |
| 12/23/99 | 337 | 350 | 24 | 9 | |
| 12/24/99 | 376 | 300 | 14 | 0 | |
| 12/25/99 | 463 | 250 | 25 | 9 | |
| 12/26/99 | 478 | 250 | 2 | 9 | |
| 12/27/99 | 478 | 200 | 10 | 9 | |
| 12/28/99 | 484 | 300 | 17 | 9 | |
| 12/30/99 | 520 | 200 | 0 | 15 | Pulled 48 bbls of water from oil tank |
| 12/31/99 | 496 | 150 | 37 | 6 | |
| 1/1/00 | 469 | 150 | 12 | 6 | |
| 1/2/00 | 528 | 150 | 23 | 3 | |
| 1/3/00 | 468 | 150 | 28 | 9 | Final report |

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