

BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Expires: November 30, 2000

5. Lease Serial No.
NMSF 078496

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 28-7 Unit 189F

9. API Well No.

30-039-26692

10. Field and Pool, or Exploratory

BLANCO MESAVERDE

11. Sec., T., R., M., on Block and

Survey or Area **SEC 35 T28N R7W**

12. County or Parish

RIO ARRIBA

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

6115' GR

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resyr.
 Other dnc

2. Name of Operator
Conoco Inc.

3. Address
P. O. Box 2197, DU 3084 Houston TX 77252-2197

3.a Phone No. (include area code)
(281)293-1005

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 2460' FNL & 2280' FEL SWNE
At top prod. interval reported below

14. Date Spudded
07/08/2001

15. Date T.D. Reached
07/14/2001

16. Date Completed
 D & A Ready to Prod.

18. Total Depth: MD **7255**
 TVD **7255**

19. Plug Back T.D.: MD **7235**
 TVD **7235**

20. Depth Bridge Plug Set: MD
 TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
TDT, CBL

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 J-55	36		299		135		0	
8.75	7 J-55	20		3248		522		0	
6.25	4.5 J-55	11		7255		382			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7117							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MV	4418	5086	4968 - 5086	3.125	35	OPEN
B)			4680 - 4728	3.125	26	OPEN
C)			4418 - 4564	3.125	38	OPEN
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4968 - 5086	FRAC W/150,600# 20/40 SAND 5851 SCFM N2
4680 - 4728	FRAC W/50,000# 20/40 SAND, 3100 SCFM N2
4418 - 4564	FRAC W/145,963# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/03/02	12/07/01	24	→	1	2112	5			flow
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	320	320	→						

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

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FARMINGTON FIELD OFFICE

BY: *[Signature]*

28b. Production - Interval C

Date First Produced 01/03/02	Test Date 12/07/01	Hours Tested 24	Test Production →	Oil BBL 1	Gas MCF 2112	Water BBL 5	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size 1/2	Tbg. Press. Flwg. SI 320	Csg. Press. 320	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

CBL, TDT

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
OJO ALAMO	1941	2084		OJO ALAMO	2028
				KIRTLAND	2102
				FRUITLAND	2451
				PICTURED CLIFFS	2759
				MESAVERDE	3159
				CHACRA	3718
				CLIFF HOUSE	4418
				MENEFEE	4577
				POINT LOOKOUT	4999
GALLUP	6236				
GREENHORN	6911				

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well in the Blanco Mesaverde and Basin Dakota. Daily's are attached.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geological Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Deborah MarberryTitle Regulatory AnalystSignature Date 04/18/2002

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Daily Summary

API 300392669200	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-35-G	NS Dist. (ft) 2460.0	NS Flag N	EW Dist. (ft) 2280.0	EW Flag E
Ground Elev (ft) 6115.00	Spud Date 7/8/2001	Rig Release Date 7/14/2001	Latitude (DMS) 36° 37' 5.8512" N	Longitude (DMS) 107° 32' 27.7908" W			

Start	Ops This Rpt
8/9/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1650 #. TESTED THE DAKOTA THROUGH A 1/2" CHOKE AND UP 2 3/8" TBG @ 7133'. WELL STABILIZED @ 160 #. TESTED THE WELL 4 HRS AFTER WELL STABILIZED. TBG PRESSURE 160 #. 4 1/2" CSG PRESSURE 650 #. 1056 MCFPD. 1 BOPD. 48 BWPD. PERFS @ 7030' TO 7225'. PBTD 7235'. TEST WITNESSED BY SAM MCFADDEN & THOMAS MONK. RU PROTECHNICS. RAN SPECTRA SCAN LOG & SPINNER SURVEY FROM 7235' TO 6900'. RD PROTECHNICS. LANDED 225 JTS OF 2 3/8" TBG @ 7133' W/ SEAT NIPPLE & MULESHOE. RU SANDLINE. RIH W/ 1.901" DRIFT TO SEAT NIPPLE. POOH W/ DRIFT. NDBOP. NUWH. SWI. RDMO.
11/16/2001	Road rig to location, spot Equipment, secure well and spot all equipment.
11/17/2001	Safety Meeting, sicip 275 psig, sitp 210 psig, catch plunger, rig up unit, pump and pit and all equipment, kill well w/ 20 bbls wtr, NDWH and NU BOP'S, set back press valve in tbg hanger, test bop's to 3000 psig-ok, release back press valve, pull tbg hanger, secure well and sdfn.
11/19/2001	sicip 675 psig, sitp 675 psig, bleed dwn well thru 2" lines, pooh w/ 225 jts 2 3/8" tbg and strap same, rig maintenance, secure well and sdfn
11/20/2001	sicip 0 psig, miru Blue Jet wire line unit, safety meeting, p/u 4 1/2" composite bp and rih, correlate w/ collar log and set same @ 5190', pooh w/ wire line, miru American Energy and rih w/ Schlumberger 4 1/2" FB packer run on 12' - 2 3/8" pup jt, set pkr just inside well and press test cibp and casing to 4300 psig, rig back up Blue Jet and perforate Point Lookout from 4968 - 4976, 4986 - 4990, 5008 - 5034, 5044 - 5060, 5080 - 5086, total of 35 holes, 60' of pay, 1 shot per 2' w/ 3 1/8" select fire gun, all shots confirmed firing, rig dwn all equipment, secure well and sdfn.
11/21/2001	sicip 0 psig, rig maintenance while waiting for BJ frac, MIRU BJ frac equipment, safety meeting, rig up Stinger well head isolation tool, press test lines to 5200 psig, set pop off to 3900 psig, break down perf w/ 2% kcl wtr, form broke @ 2900 psig, @ 24 bpm, r/d frac head and miru blue jet and rih and retrieve frac balls, recorded 26 hits out of 42 balls dropped, frac point lookout formation of MV, w/ 65 quality foam total of 150,000 # 20/40 brown sand, 5851 scfm N2, treating press of minimum 1641 psig, maximum 1948 psig, avg press of 1819 psig, injection rate of 50 bpm, isdp of 1090 psig, pmp'd 1,2,3,4, ppg sand stages and flushed w/ foam, shut in at well head, pull isolation tool, rig down BJ frac equipment. secure well and shut down f/ holiday.
11/23/2001	well si after frac, haul wtr f/ frac fluid for 2nd and 3rd stages.
11/25/2001	MIRU MOTE Hot oil units and heat frac fluid for remaining frac's.
11/26/2001	sicip 1000 psig, MIRU blue jet wire line unit, p/u and rih w/ Halliburton 4 1/2 composite bridge plug and set same @ 2810', p/u schlumberger 4 1/2 fb tension pkr and rih w/ 12' 2 3/8" pup jt tbg and set @ 4', miru American energy pump trk and press test cibp to 4300 psig, ok, w/ 2% kcl wtr, rig dwn pmp trk, pull pkr and rig up blue jet wire line unit to perf meneffe form. @ 4680 - 4692, 4716 - 4728, 24' of pay, 1 spf 26 holes, examine perf gun ensure perforating, ok, secure well sdfn.
11/27/2001	sicip 390 psig, miru Stinger isolation tool, safety meeting held and discussed pjsa's, miru BJ frac equipment, press test lines to 5200 psig, ok, set pop off @ 3900 psig, ok, break down meneffee perfs w/ wtr @ 3200 psig, acidize perfs w/ 32 bbls 15% hcl acid and drop 32 - 7/8" 1.3 sp. gr. frac balls and try to ball off, saw good ball action, ball out @ 3700 psig, rig dwn bj and miru blue jet wire line and rih and retrieve frac balls, 32 balls recovered w/ 22 hits, frac meneffee formation w/ 50,000 #s 20/40 brown sand @ min press of 3100 psig, max press of 3300 psig, avg press 3200 psig, injection rate of 35 bpm, 65 quality foam, w/ 3100 scfm N2 used, 1,2,3,4 ppg sand stages, isdp of 1850 psig, flushed w/ 73 bbls wtr, shut well in, rig dwn stinger isolation tool, rig dwn Bj frac equip, secure well and sdfn
11/28/2001	sicip 975 psig, miru blue jet wire line equipment, p/u halliburton 4 1/2 " composite bp and set @ 4620', rig up stinger iso tool and press test entigrity of comp bp to 4300 psig w/ BJ equip, ok, rig dwn stinger and bj, miru blue jet wire line unit to perf cliff house form, 4418-4422, 4442 - 4454, 4468 - 4480, 4508 - 4518, 4526 - 4532, 4538 - 4550, 4558 - 4564, 38 holes 62' pay, pooh and l/d guns, install stinger iso tool, miru BJ frac equipment, press test lines to 5200 psig, ok, safety meeting held, break down perfs w/ wtr, form broke @ 2100 psig 17 bpm, dropped 46 frac balls, good ball action, ball- off not attained, isdp of 550 psig, frac perfs w/ 145963 #s 20/40 brown sand, avg press 2350 psig, inj rate of 50 bpm, isdp of 1350 psig, 1,2,3,4 ppg sand concentrations flush w/ foam, shut in well, r/d stinger iso tool, rig dwn BJ frac equipment. secure well and sdfn.
11/29/2001	SICIP 600 PSIG, open well on 1/8" choke and flow well thru nite w/ press decreasing to 400 psig, returns of N2, frac fluid, foam and med to heavy sand concentrations.
11/30/2001	FCP 400 psig, change to 1/4" choke, w/ decreasing sand, flow well thru nite, w/ N2, frac fluid, foam and med to heavy sand concentrations, wait on universal to repair gas compressors.
12/1/2001	FCP 300 psig, open well on 1/2" choke and flow well thru nite, press stabilizing @ 120 psig, w/ good flare, heavy mist (1/4 bph), sand conc. of med to lite, 0 oil
12/2/2001	continue to flow well thru nite on 1/2" choke w/ stabilized flow press of 120 psig, making lite sand, good flare, surging fluid @ 8 bpd, 0 oil,
12/3/2001	ftp 120 psig, kill well w/ 10 bbls kcl, p/u 3 7/8" od mill and rih to 3650' wait on universal compressor mechanic to finish repairs on gas compressors, secure well, flow well thru nite on 1/2" choke w/ stabilized flow rate of 120 psig, (792 mcf/d), 3 bbls wtr/ day prod, 0 oil and no sand. cliff house test as follows 120 psig thru 1/2" choke 792 mcf/d, 0 oil, 3 bbls wtr production, no sand.
12/4/2001	FCP 120 psig thru 1/2" choke, finish rih and unload hole w/ gas comopressors, c/o sand fill from 4300' to 4620', wait 2 hrs for sand entry, found 30', c/o w/ gas and 3 bbl wtr and soap sweeps, pull up and wait 2 hrs, found to have made 10' sand, c/o w/ gas and foamed wtr sweeps, pull up above all perfs and flow well thru nit w/ 120 psig on 1/2" choke.

APR 24 2002
 FARMINGTON FIELD OFFICE
 BY: *[Signature]*

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Start	Ops This Rpt
7/16/2001	Held safety mtg. RU expert DH, slick line truck. PU 3.75 gauge ring and RIH and tag @ 7195' WLM. RD, secure well and SDFN.
7/23/2001	Held safety mtg. Spot unit and equipment and RU. ND master valve, NU BOP. PU 3 7/8" rock bit and bit sub, PU and TIH w/ 229 jts 2 3/8" tbg. Tag cement @ 7236'. RU swivel and D/O to 7246'. Tagged something hard @ 7240' and getting cast iron and rubber returns to pit. Contacted engineering and C. Moody said it was Weatherford LD plug. FC @ 7252'. Circulate clean and test csg. to 2000#. tested ok. RD swivel and TOOH laying down 55 jts. tbg. Secure well and SDFN.
7/24/2001	Held safety mtg. POOH w/ 174 jts 2 3/8" tbg., bit sub, bit and LD. RD BOP, RU master valve. RD equipment and unit. Secure well and SDFN. We will move back on well in 2 days for completion.
7/25/2001	Held safety mtg. RU schlumberger wireline and mast truck. PU TDT tools and RIH and tag at 7244'. Pull TDT/GR/CCL log from 7224' to 1800', continue GR/CCL to surface. LD TDT tools. PU CBL tools and RIH and tag @ 7244'. RU stinger psi pump and put 1000# pressure on csg. Pull CBL/GR/CCL log from 7224' to 1550'. TOC @ 1800'. Continue GR/CCL to surface. LD logging tools and RD. NU 7 1/16x5k frac valve. Psi test csg. Stinger could only get pressure to 2100# and was pumping into it. No visible surface leaks. Will PT w/ BJ services in the AM. Secure well and SDFN
7/26/2001	Held safety mtg. RU BJ services acid pump. Test lines to 5500#. Start to test csg. Pressure walked up to 2036# and started pumping into a leak. Brought rate to 2.5 bpm & 2335#. A considerable size leak either in csg. or FC. Will be hole hunting ASAP. MI, spot and RU unit & equipment. RD master valve, RU BOP's. BOP developed hydrolic leak @ door pir. Wait for Key mechanic. Mechanic on loc @ 10:45am. Could not fix BOP. Called for new BOP. NU BOP, RU Quadco and test BOP to 250# low side & 5000# high side. RD Quadco. NU Blewie Tand line. PU 4.5" Halliburton PKR. and TIH w/ 115 jts 2 3/8" tbg: Test tbg. and is leaking 1.5 bpm @ 1700#. Test csg. above pkr and held 2500#. Bleed pressure off and release pkr. Secure well and SDFN.
7/27/2001	Held safety mtg. TIH w/ 113 jts and Set Pkr. @ 7228'. Test down tbg. and is leaking @ 1.5 bpm & 1650#. Test csg above pkr. and is holding @ 2500#. POOH w/ 114 stands and stand back. LD 4 1/2" pkr. Wait for wireline truck. 4:00 pm no truck available. Secure well and SDFN. Called BLM and talked to WAYNE TOWNSEND. TOLD HIM IF WE DUMPED THE REQUIRED AMOUNT OF CEMENT (50') ON TOP OF PLUG THAT WE WOULD LOOSE A BIG PORTION OF DAKOTA PAY. HE SAID WE COULD DUMP 1 BAILER RUN IF WE TEST PLUG PRIOR TO CEMENTING. THIS WAS AGREED UPON. HE SAID T HE BLM WOULD WRITE A WAIVER RELEASING CONOCO FROM THE 50' MINIMUM. 10:30 AM.
7/28/2001	Held safety mtg. RU blue jet wireline. PU 4.5" CIBP and RIH and set @ 7236'. POOH w/ wireline and P/T to 4200#. Held test for 15 min w/ 0% leak-off. PU wireline dump bailer. RIH and tag plug @ 7236' wlm. Dump cement on top of plug. POOH w/ wireline and RD. Secure well and SDFN.
7/30/2001	Held safety mtg. RU blue jet wireline. PU 3 1/8" guns w/ 12g 306t 90° PP charges and RIH and perforate the DK sands as follows: 7030'-7042' w/ 1 spf for 13 holes, 7046'-7066' w/ .5 spf fro 11 holes, 7140'-7152' w/ .5 spf for 7 holes, 7183'-7186' w/ 1 spf fro 4 holes, 7205'-7207' w/ 1 spf for 3 holes. 7223'-7225' 1 spf w/ 3 holes. TOT of 41 .34" holes. POOH w/ guns. RU BJ Services acid frac. PT lines to 4800# B/D dk formation @ 2550# & 10 bpm. Pumped tot of 10.8 bbl. ISDP=1000#. Eiled csg. down. PU BHPG and PKR. and RIH and make 30 min stops at each of the three following stops. 7183', 7140, 7030'. Made stops from bottom up. PU and set plug @ 7020'. POOH w/ wireline and PT plug to 4000#. Test was good. RD service companys and release. Secure well and SDFN.
7/31/2001	Held safety mtg. Stand by for 72 hrs to POOH w/ BHPG.
8/1/2001	Held safety mtg. Stand by for 72 hrs to POOH w/ BHPG.
8/2/2001	Held safety mtg. PU reliving head and TIH w/ 220 jts 2 3/8" tbg. Wait for schlumberger to release pkr. Service rig. Secure well and SDFN.
8/3/2001	Held safety mtg. TIH w/ 4 jts. tbg. and latch onto pkr. Equilize pressure and POOH w/ 222 jts standing back. LD BHPG. Will send data to engineering ASAP. RU frac valve and frac head. Secure well and SDFN.
8/4/2001	HELD SAFETY MEETING. INSTALLED FRAC VALVE & FRAC HEAD.
8/6/2001	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 5100 #. SET POP OFF @ 3930 #. BROKE DOWN FORMATION @ 12 BPM @ 1950 #. DROPPED 24 BALL SEALERS IN 1000 GAL OF 15 % HCL ACID @ 1 BALL PER BBL & 2 BALLS PER BBL FOR 26 REMAINING BALLS @ 19 BPM @ 2450 #. A TOTAL OF 50 BALL SEALERS. GOOD BALL ACTION. BALLE OFF @ 3800 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 50 BALL SEALERS. RD BLUE JET. PUMPED PREPAD @ 32 BPM @ 3670 #. STEPPED DOWN RATE TO 19 BPM @ 2420 #. STEPPED DOWN RATE TO 12 BPM @ 1950 #. STEPPED DOWN RATE TO 7 BPM @ 1703 #. ISIP 1500 # - 5 MIN 1115# - 10 MIN 898 # - 15 MIN 783 # - 20 MIN 672 # - 25 MIN 583 # - 30 MIN 508 #. FRAC'D THE DAKOTA W/ SPECTRA FRAC 3000, 112,800 # 20/40 SUPER LC, 1625 BBLs FLUID. AVG RATE 42 BPM. AVG PRESSURE 3050 #. MAX PRESSURE 3200 #. MAX SAND CCNS 5 # PER GAL. ISIP 2200 #. FRAC GRADIENT .65. RA TAGGED PAD W/ SCADIUM. RA TAGGED 1/2 # - 3 # SAND W/ ANTIMONY. RA TAGGED 5 # SAND W/ IRRIDIUM. RD B J SERVICES. SWI.
8/7/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 20 #. RIH W/ 2 3/8" TBG. TAGGED SAND @ 7220'. 33' OF FILL. RU DRILL AIR. CLEANED OUT FROM 7220' TO 7253' - PBTD. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 4 BBLs WATER PER HR AND NO SAND. PUH TO 7000'. SWION.
8/8/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1800 #. RIH W/ 2 3/8" TBG. TAGGED @ 7235'. NO FILL. RU DRILL AIR. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 4 BBLs WATER PER HR AND NO SAND. PUH TO 7000'. SWION.

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392669200	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-35-G	2460.0	N	2280.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6115.00	7/8/2001	7/14/2001	36° 37' 5.8512" N	107° 32' 27.7908" W			

Start	Ops This Rpt
12/5/2001	FCP 120 psig, kill well w/ 10 bbls wtr , rih and tag sand bridge @ 4523' c/o w/ gas and foamed wtr sweep and rih tag cibp @ 4620', drill out cibp, increase of flowing casing pressure of 800 psig, bleed dwn well, stabilize flow and continue drill up cibp and push to 4750 tag up sand fill, pump sweep and pull above all perms and flow well thru nite on 1/2" choke, stabilized flow rate of 135 psig, w/ med/lite sand production, 15 bbls/day wtr and some N2.
12/6/2001	FCP 135 psig, safety meeting, bleed dwn press, rih and tag sand bridge @ 4666', c/o w/ foamed wtr sweep and c/o sand to 4810' tag cibp, pull above all perms and wait 2 hrs for sand entry, found to have made 15', c/o to cibp, pull above all perms and flow well thru nite on 1/2" choke w/ stabilizerd flow rate of 135 psig, Meneffee flow test as follows, using subtraction method, 99 mcf/d w/ same wtr production as cliffhouse form of 3 bpd, 0 oil and no sand, continue to flow well thru nite thru 1/2" choke w/ same rates.
12/7/2001	fcp 135 psig, bleed dwn well thru blooie line kill tbq w/ 10 bbls wtr, tag 30' sand fill on cibp @ 4820', drill cibp @ 4820', chase to 5080 encounter 60' of fill, c/o 60' of sand fill and drill up rest of cibp on top of cibp @ 5140', flow well w/ tbq above all perms, press's of 400 psig encountered while drilling plug, press stabilized @ 320 psig., (2,112 mcf/d) , thru 1/2"choke up annulus, making lite sand and med mist (5 bbls wtr/day) , well slugging fluid thru nite w/ press stabilizing @ 320 psig, final test for point look out formation of MV as follows, using subtraction method of subtracting cliff house and meneffee production is 1221 mcf/d no sand, 3 bbls wtr/day, trace of oil, FINAL TEST on MV as follows: 320 psig thru 1/2" choke up annulus 2112 mcf/d, w/ 5 bbls wtr/day trace of oil, witnessed by Robert Morris, Mike Romero
12/8/2001	Fcp 320 psig, bleed dwn well and rih c/o 60' sand fill above cibp @ 5140', drill cibp (same), continue rih to 7166, encounter cibp hanging up, p/u power swivel and c/o to 7253' p/u and wait 2 hrs for sand entry, after 2 hrs encounter no sand entry and pull up above all perms, secure well and flow well thru nite on 1/2" choke.
12/9/2001	fcp of 400 psig, decreasing to and stabilizing @ 350 psig, thru nite 5 bbls wtr/mist per day w/ no sand and trace of oil.
12/10/2001	fcp of 350 psig, bleed dwn press, tag bottom @ 7253' no fill, unload well and pooh w/ tbq and mill kill tbq several times while pooh, l/d mill , rih w/ 1 jt tbq and miru Computalog , log across MV perms and 1 pass across Dak perms, results of log in few days, shut well in, secure well and sdfn.
12/11/2001	SICP 550 psig, bleed dwn well, p/u 2 3/8" mule shoe, seating nipple, 225 jts 2 3/8" tubing and land well @ 7117.37', broach tbq, nipple dwn bop's and nipple up well head. secure well release rig and turn over to production dept, rig down rig and all equipment. FINAL REPORT

APR 24 2002

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FARMINGTON FIELD OFFICE
BY *[Signature]*