

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

M. L. Cons. Division
1625 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 TRIPLICA TE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM 0557686
2. Name of Operator CONOCO INC.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T. R. M. or Survey Description) Section 23, T-20-S, R-37-E, I 1650' FSL & 990' FEL	8. Well Name and No. SEMU Drinkard # 96
	9. API Well No. 30-025-25100
	10. Field and Pool, or Exploratory Area Monument Tubb (47090)
	11. County or Parish, State Lea Co., NM

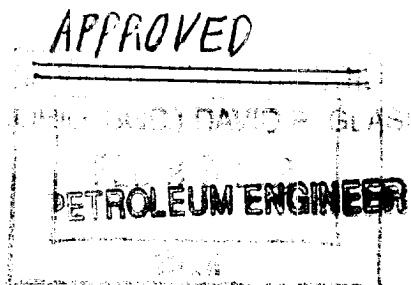
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Repon	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracrunng
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Repon result 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.)*

Conoco, Inc previously sent an intent recompleate sdry request dated 1/17/00, approved 1/24/00. Please find attached an expanded recompletion procedure for the Tubb.



14 I hereby certify that the foregoing is true and correct		
Signed <u>Kay Maddox</u>	Title <u>-Regulatory Agent</u>	Date <u>February 20, 2000</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval if any: _____		

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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.

*See Instruction on Reverse Side

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**SEMU Drinkard #96
Tubb Recompletion
AFE #8779**

Well Information:

(refer to Wellview attachments)

Spud Date: 8/21/75
Current Status: OPU (Weir Drinkard Pool)
Last Action to well: Replaced pump guide and ran a IPC blast jt on bottom (5/21/99)
Last Production: 25 BOPD; 50 BWPD; 31 MCFD (1/07/99 Well Test)

Location: 1650' FSL & 990' FEL, Sec. 23-T20S-R37E, Lea County, NM
API #: 300252510000

TD: 7,822'
PBDT: 6,910' (CIBP with 20' of sand)
GLE: 3,518'
KBE: 3,531'
KB-Grd: 13'

Casing Specifications:

Pipe	Depth (ft)	Drift ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
13-3/8", H-40, 48#, STC (surface)	498	12.559	770	1,730	.1570
8-5/8", K-55, 32#, STC (intm)	4,197	7.796	2,530	3,930	.0609
5-1/2", K-55, 17#, STC (liner)	4,095-7,822	4.767	4,910	5,320	.0232

Tubing Specifications:

Pipe	Depth (ft)	Drift ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
2-7/8", J-55, 6.4#, 8rd	6,882	2.347	7,680	7,260	.00579
4 1/2", 15.5#, C-75	wrkstg	3.701	10,390	9830	.0142
3 1/2", 9.3#, N-80	wrkstg	2.867	10,530	10,160	.00870

Reservoir Information

Current Reservoir Content; Oil, gas, and water
1000 H2S ppm

Expected Reservoir Content: Lots of Oil & Gas (40 bopd, 280 mcf)

Cement Sqz. History: DV Tool @ 2600' with 2000 sks
Sept 1975 (orig. completion) Liner Top with 75 sks
Sept 1975 Sqz Perfs @ 2796' – 2800' with 75 sks
Jan. 1977 Sqz Perfs @ 2615' – 2616' with 150 sks
Jan 1977 Sqz Perfs @ 2603' – 2604' with 100 sks

Casing Integrity: Tested to 500 PSIG March 1991

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**SEMU Drinkard #96
Tubb Recompletion
AFE #8779**

Present Perforations: **Drinkard** 6642, 44, 46, 50, 52, 60, 62, 6698, 6700, 02, 04, 10, 12, 22, 24, 26, 42, 44, 46, 6748, 6773', 6783', 6806', 6814', 6818', 6831', 6841'

Proposed Perforations: **Tubb** 6430'- 6438'; 6442'- 6452'; 6460'- 6464'; 6490'- 6498'

Current Reservoir Temp/Press: 110°F/ 585psig
Expected Reservoir Temp/Press: 104°F/ 2,050 psig

SAFETY

1. Insure all personnel have the proper personal safety equipment. Safety shoes, safety glasses or goggles, hardhat, gloves, and ear protection.
2. Notify all personnel of fire extinguisher, first aid equipment locations.
3. Make everyone aware of escape routes from the work area.
4. Keep anyone not needed for the specific operations out of "harm's way"
5. Inform personnel that ANYONE has the right to stop the job.
6. Review procedure on a daily basis interval to insure everyone is aware of the daily operations.
7. Perform a Post-job safety meeting
8. Use the STOP program to improve/compliment safety practices.

Proposed Procedure

1. RU pump truck and load backside with brine water to kill well.
2. MIRU pulling unit. Unseat pump and POOH w/ rods and pump. If rods appear to have paraffin, hot oil rods and tubing prior to pulling. Visually inspect rods for any wear and tear, laying out any pitted rods. Replace worn couplings. Send the pump in to be inspected and re-built.
3. Remove wellhead and NU BOP stack. Test BOP stack following SOP. RU wellhead tubing inspection services and POOH with 6,582' of 2-7/8", J-55, 6.4# tubing. Lay out blue or worse tubing, retain yellow band tubing to be rerun.
4. RU electric line unit. Install lubricator and RIH with dump bailer and dump 35' of cement on the CIBP set at 6,910'. PU junk basket and gauge ring for 5 1/2", 17#/ft casing and TIH to 6,600'. RD electric line company.
5. PU 5 1/2" RBP and TIH to set at 6,600' (top of Drinkard perf @ 6,642'). Circulate hole with 315 bbls of clean brine water. Pressure test casing and RBP to 500 psig. (Note previous squeeze history). PU 1 stand and spot 2 sks of sand on CIBP.
6. PU to 6,500' and spot 200 gals of inhibited 15% HCL across proposed Tubb interval. POOH with 2 7/8" tubing.
7. RU Baker Atlas. Install and test lubricator to 1,000 PSIG. RIH with 4" HSC casing guns with 19 gm charges loaded at 2 SPF at 120° phasing (0.48" EHD & 19" TP). Correlation to be made with CCL using CBL dated Nov. 9, 1975. Perforate the Tub interval as follows:

Safety Note: All 2-way radios and phones are to be turned off while perforating for a distance of 500'. Warning signs are to be posted on all incoming roads.

<u>DEPTH</u>	<u>NEP</u>	<u>SHOTS</u> (@ 2 spf)
6430'-6438'	8	16

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**SEMU Drinkard #96
Tubb Recompletion
AFE #8779**

6442'-6452'	10	20
6460'-6464'	4	8
6490'-6498'	<u>8</u>	<u>16</u>
Total	24	48

8. TIH with 2 7/8", J-55 tubing, a 5 1/2" treating packer and a 2.25", "R" profile nipple. Internally test tubing to 6,000 PSIG while tripping in the hole. Set the packer at approximately 6,350'.
9. RU temporary well test facilities consisting of a choke manifold, a separator, a test tank and a flare stack.
10. Rig up treating company. Install anchored treating line with remote actuated ball injector and nitrogen pop off valve. Load backside w/ clean brine water and pressure test treating packer to 500 psig. Bleed pressure and leave open during acid job. Test the treating line to 5,000 psig against the treating valve. Release pressure and set the relief valve at 4,500 psig and test. Bleed the pressure, open treating valve and perform breakdown as per attached BJ recommendation. Maximum treating pressure will 4,300 psig at an expected rate of 4-6 BPM. Inject 100, 7/8", 1.3 SG ball sealers using the automated, remote ball injector. Record ISIP, 5, 10, 15 minute SI pressures. After treatment surge back to release ball sealers.
11. Perform pre-frac diagnostics (refers to BJ's recommendation). Load the tubing with 2% KCL water and establish a rate at a maximum injection pressure of 4,300 psig. Pump 100 bbls of 2% KCL water at a constant rate. Shut down and record ISIP and monitor pressure decline for an estimated 30 minutes. RD BJ Services.
12. Swab test the Tubb and determine productivity. If the well unloads and the Tubb flows, establish a constant rate, RD the pulling unit and evaluate for a possible frac job. If it does not flow the packer will be pulled and the well be placed on pump. A decision to frac the well will be made depending upon a stablized production rate and the static reservoir pressure.

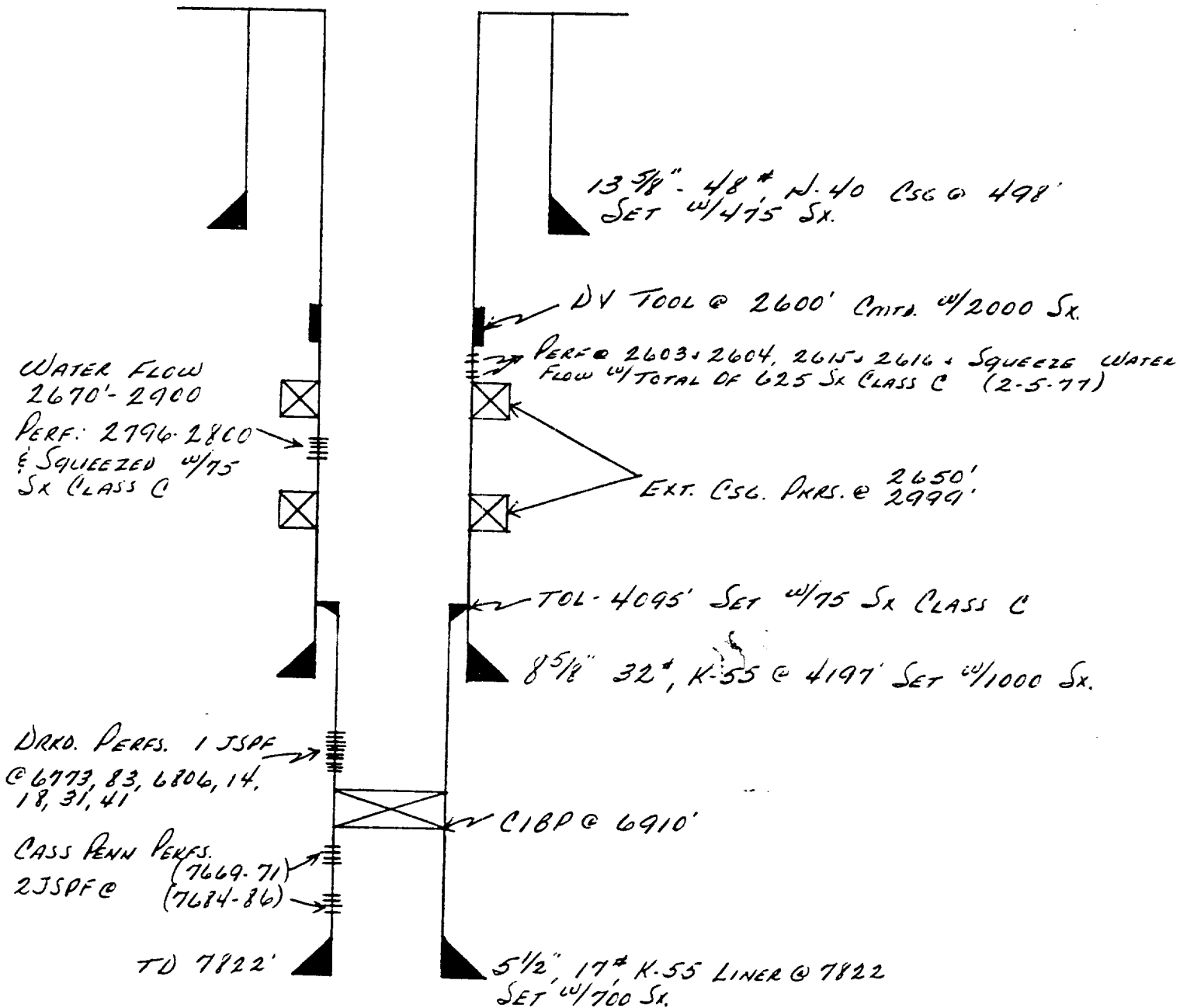
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0-13' AGL



N.W.A. 2-22-77

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District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-25210		2 Pool Code 47090	3 Pool Name Monument Tubb
4 Property Code 003079 3085	5 Property Name SEMU Drinkard Tubb		6 Well Number #96
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 3532' DF

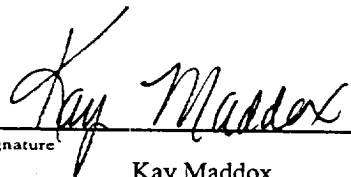
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	23	20S	37E		1650'	South	990'	East	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code		15 Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				
				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="text-align: center; margin-top: 20px;">  </div> <hr/> <p>Signature Kay Maddox</p> <hr/> <p>Printed Name Regulatory Agent</p> <hr/> <p>Title January 17, 2000</p> <hr/> <p>Date</p>
				<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plan was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <hr/> <p>Certificate Number</p>

← 990'

↑ 1650'

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OPERATOR'S COPY

Form 3 160-5
(June 1993)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM 0557686

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

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NM 557686

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEMU Drinkard #96

9. API Well No.

25100

30-025-25210

10. Field and Pool, or Exploratory Area

Monument Tubb (47090)

11. County or Parish, State

Lea Co., NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

Section 23, T-20-S, R-37-E, I
1650' FSL & 990' FEL

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

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

TYPE OF ACTION

- ☐ Abandonment
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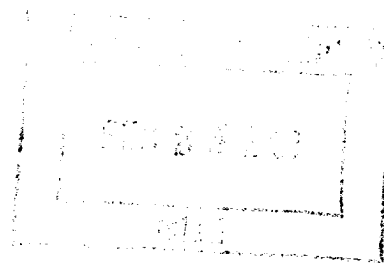
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracrunng
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Repon result of multiple completion 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.)*

Conoco, Inc. proposes to recomplete this well to the Tubb/ using the following procedure:

1. MIRU Perf Tubb from 6350-6650' at selected interval at 2 spf
2. RIH with 3-1/2", 9.3#, N-80 tubing and acidize perfed interval with 15% NEFE HCL using ball sealers for diversion
3. Sand frac Tubb zone using approximately 143,000# sand
4. Clean out and swab well to establish flow into temporary facilities on location
5. Flow production into the SEMU Drinkard battery once surface commingle permit is approved.



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

Signed

Kay Maddox

Kay Maddox

Title -Regulatory Agent

Date January 17, 2000

(This space for Federal or State office use)

Approved by

Alexis C. Swoboda

Title

PETROLEUM ENGINEER

Date

JAN 24 2000

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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