

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copie

Fee Lease - 5 Copie

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CHEVRON USA INC 15 SMITH RD, MIDLAND, TX 79705		² OGRID Number 4323
⁴ Property Code 29920	⁵ Property Name C.H. WEIR 'B'	³ API Number 30-025-29731
		⁶ Well No. 8

⁷ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	11	20S	37E		990	NORTH	330	EAST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
⁹ Proposed Pool 1 SKAGGS ABO					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² WellType Code O	¹³ Rotary or C.T. R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3600 KB
¹⁶ Multiple No	¹⁷ Proposed Depth 7194'	¹⁸ Formation ABO	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON U.S.A. INC. INTENDS TO RECOMLETE THE SUBJECT WELL FROM THE MONUMENT TUBB/SKAGGS DRINKARD, TO THE SKAGGS ABO FIELD AND POOL. AFTER TESTING THE ABO, ALL THREE ZONES WILL BE DOWNHOLE COMMINGLED. (PERMIT IS ATTACHED)

NSL-5605

A PIT WILL NOT BE USED FOR THIS RECOMPLETION. A STEEL FRAC TANK WILL BE UTILIZED.

THE INTENDED PROCEDURE, AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature *Denise Pinkerton*

Printed Name Denise Pinkerton

Title Regulatory Specialist

Date 6/13/2007

Telephone 432-687-7375

OIL CONSERVATION DIVISION

Approved By: *Chris Williams*Title: **OC DISTRICT SUPERVISOR/GENERAL MANAGER**

Approval Date: JUN 25 2007

Expiration Date:

Oil Conservation Division

Conditions of approval: Approval for drilling ONLY

-- CANNOT produce Downhole Commingled until

DHC is approved in Santa Fe.

C.H. Weir B #8

03/05/2007

Skaggs Abo

T20S, R37E, Section 11

990' FNL & 330' FEL

Job: Perf and Acidize Abo and DHC w/ Tubb

Procedure:

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 3/05/2007. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*
2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.
3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH LD rods and pump. Remove WH. Install BOP's and test as required. POH and LD 2-3/8" tbg.
4. PU and GIH with 4 3/4" shoe, new 2 7/8" Class "A" production tbg, and WS as needed to 6988'. Drill to TD of 7194' using air unit if necessary. Circulate well clean from 7194'. POH with tbg string and shoe. LD shoe.
5. GIH with 3-1/8" slick type guns and perforate the following intervals with 4 JSPF at 120 degree phasing using 23 gram premium charges:

Top Perf	Bottom Perf	Net Feet	Total Holes
7077	7084	7	28
7112	7115	3	12
7131	7135	4	16
7140	7144	4	16
Total		18	72

6. POH. **Note: Use Welex Acoustic Cement Bond Log dated 9/26/86 for depth correction.** Use Welex Spectral Density Dual Neutron Log dated 9/22/86 for perf log.
7. RD and release WL unit. RIH w/ treating pkr on 2-7/8" production tubing to 7000' testing tubing to 5000 psi while RIH. Set Pkr @ 7000'. Load and Test BS to 500 psi.

8. MIRU DS acid truck. Attempt to pump into perfs (7077'-7144'). Pump 5,000 gals 15% NEFE anti-sludge HCl acid at a max rate of 6 BPM and max treating pressure of 4,500 psi dropping 110, 1.3 SG balls spaced evenly throughout job. Displace with 8.6# BW – do not over displace. Record ISIP, 5, 10, & 15 minute SIP's.

Note: Pickle tubing before acid job if rep determines necessary.

* Acid system to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

9. RD DS acid truck. RU swab and swab well recording rates, volumes, pressures, and fluid levels. Report to engineer. RD swab.
10. Release Pkr and TOH w/ Pkr. LD Pkr.
11. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation. NDBOP. NUWH. RIH w/ rods and pump per ALS.
12. RD Key PU & RU. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Richard Jenkins
432-687-7120 Office
432-631-3281 Cell

432-687-7120
Richard Jenkins
432-631-3281

Well: **C.H. Weir B #8**

Reservoir: **Monument Tubb/Skaggs D1**

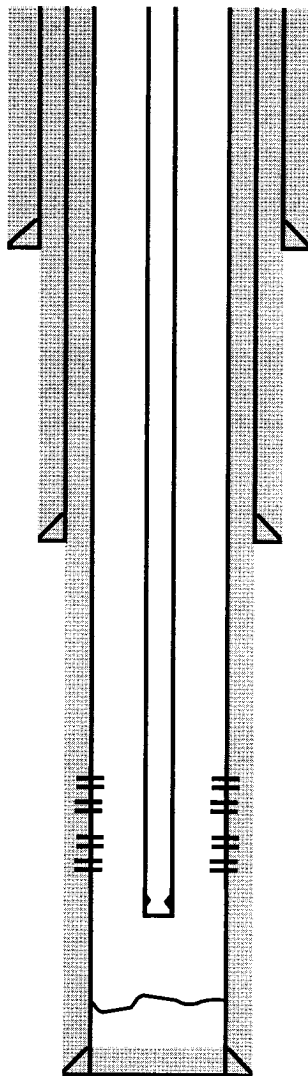
Location:

990' FNL & 330' FEL
Section: 11
Township: 20S
Range: 37E
County: Lea, NM.

Elevations:

GL: 3589'
DF: 3600'
KB: 3600'

Current



Well ID Info:

Refno: IG1452
API No: 30-025-29731
L5/L6:
Spud Date: 9/7/1986
Compl. Date: 9/29/1986

Surface Csg: 11-3/4", 42#, H-40
Set: @ 1407' w/ 1000 sks
Hole Size: 15"
Circ: Yes
TOC By: Circulation

TOC: Surface

Interm Csg: 8-5/8", 32#, J-55
Set: @ 4000' w/ 1500 sks
Hole Size: 11"
Circ: Yes
TOC By: Circulation

TOC: Surface

Perfs **Status**
6444'-6502' Monument Tubb - Open

Perfs **Status**
6643'-6904' Skaggs Drinkard - Open

Prod Csg: 5-1/2" 15.5#/17#, J-55
Set: @ 7194' w/ 1450 sks
Hole Size: 7-7/8"
Circ: Yes
TOC By: Circulation

TOC: Surface

COTD: 6988' (junk)
PBTD: 7125'
TD: 7194'

Updated: 3/2/2007

By: rjdg

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WEO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

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Reservoir: **Monument Tubb/Skaggs Drinkard/Skaggs Abo**

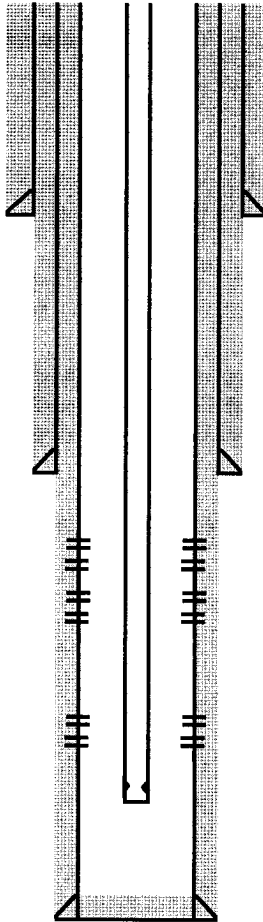
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Proposed



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Perfs **3002529731**
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