

District I
1625 N French Drive Hobbs NM 88240

District II
1301 W Grand Avenue Artesia NM 88210

District III
1000 Rio Brazos Road Aztec NM 87410

Pools
District IV
1220 S St Francis Dr Santa Fe NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well

☒ Establish Pre-Approved

EXISTING WELLBORE
☐ Yes ☒ No

RECEIVED

MAR 04 2009

HOBBSOCO

APPLICATION FOR DOWNHOLE COMMINGLING

Chevron Corporation
Operator

15 Smith Road, Midland TX 79705
Address

A.H. Blinebry NCT-3
Lease

#7
Well No

B-31-22S-38E
Unit Letter-Section-Township-Range

Lea
County

OGRID No. 4323 Property Code 29903 API No. 30-025-39215 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry Oil & Gas	Tubb Oil & Gas	Brunson; Drinkard-Abo, South
Pool Code	6660	60240	7900
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5433-5778' Perforated	6110-6264' Perforated	6310-7300' Perforated/Open Hole
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	n/a	n/a	n/a
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°	36°	36°
Producing, Shut-In or New Zone	New Zone	New Zone	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Estimated Oil Gas 26 BBL 96 MCF	Date: Estimated Oil Gas 5 bbl 240 MCF	Date: Estimated Oil Gas 11 BBL 144 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 63% 20%	Oil Gas 11% 50%	Oil Gas 26% 30%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

A.H. Blinebry Federal NCT-3 #7
Brunson South Field
760' FNL & 1980' FEL
Sec- 31, T-22S, R-38E, Unit Letter B

1/19/2009

Cost Center:
WBS Number:

Blinebry/Tubb/Drinkard Completion Procedure:

1. MI & RU workover unit. Bleed pressure from well. NU 5K BOP.
2. PU & RIH w/ 4-3/4" bit on 2-7/8" tubing to PBTD (7195') using air unit. Drill out float collar and cement down to 7282'. Continue in Open Hole to 7357'. Circulate clean for 4 hrs. POOH & LD bit.
3. MIRU WL. Install lubricator and test to 2,000 psi. Ensure hole is loaded with 8.6# BW. RIH w/ GR/CCL/CBL and log from 7195' to surface - tied back to Schlumberger Compensated Neutron/Spectral Gamma Ray dated 1/3/2009. Log in one run with 1,500 psi on casing. POH.
4. RIH & perf Abo w/ 3 3/8" RHSC Prospector EXP-3325-321T casing guns (0.42" EH & 47" penetration) loaded with 4 SPF 120° phasing and 25 gram charges as follows:

Top Perf	Bottom Perf	Net Feet	# holes
7274	7278	4	16
7222	7230	8	32
7214	7218	4	16
7160	7170	10	40
7096	7104	8	32
7078	7086	8	32
7012	7016	4	16
7000	7006	6	24
6920	6928	8	32
6878	6886	8	32
6865	6875	10	40
6830	6838	8	32
6810	6820	10	40
6780	6786	6	24
6744	6750	6	24
		108	432

Tie back to Schlumberger Compensated Neutron/Spectral Gamma Ray dated 1/3/2009

5. POH. ND lubricator. RD and release WL. RIH w/ 5-1/2" treating pkr w/2.25" F profile nipple on 2-7/8" WS, testing tbg to 7000 psi to 7250'. Set Packer at approximately 7250'
6. MIRU Schlumberger Acid crew. Attempt to pump into perfs (7274-7278') & Open Hole. Pump 4,000 gals 20% NEFE antisludge HCL acid at a rate of 4-5 BPM and a maximum surface pressure of 6,000 psi. Displace with 8.6# BW. Record ISIP, 5, 10, & 15 minute. Pump job as follows:

A.H. Blinebry NCT-3 #7

Location:

760 FNL & 1980 FEL T-22S R-38E Sec 31

Unit Letter: B

Field: Brunson South

County: Lea

State: NM

Well Info:

Spud Date:

API: 30-025-39215

Cost Center:

WBS#:

RefNO: LK2646

Lease:

Current Wellbore Diagram

Elevations:

KB: (22')

DF:

GL: 3344'

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 update date 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.

Surface Casing

Size: 8-5/8" 24# J-55

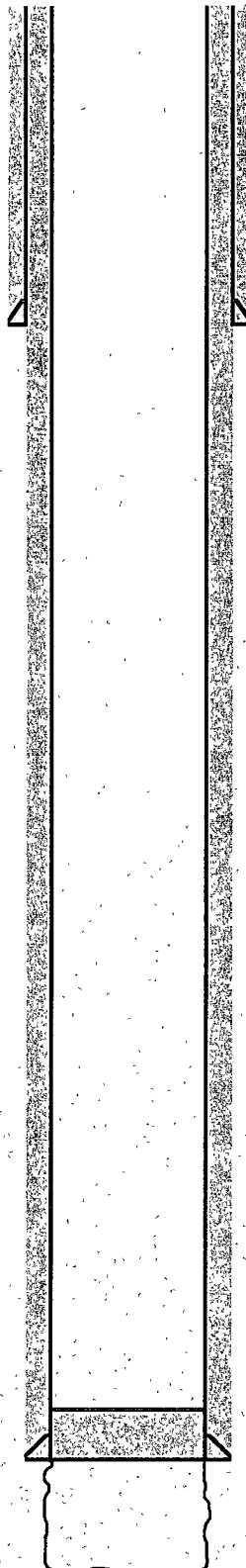
Set @ 1234'

With: 222 sacks

Hole Size: 12-1/4"

TOC @ Surface

By: Circulation



Updated: 1/5/2009

By: LGEK

PBTD: 7195'

TD: 7282'

Production Casing

Size: 5-1/2" 17# L-80

Set @: 7282'

With: 2140 sks

Hole Size: 7-7/8"

TOC: Surface

By: Circulation

A.H. Blinebry NCT-3 #7

Location:

760 FNL & 1980 FEL T-22S R-38E Sec 31

Unit Letter: B

Field: Brunson South

County: Lea

State: NM

Well Info:

Spud Date: 12/16/2008

API: 30-025-39215

Cost Center:

WBS#:

RefNO: LK2646

Lease:

Proposed Wellbore Diagram

Elevations:

KB: (22')

DF:

GL: 3344'

Surface Casing

Size: 8-5/8" 24# J-55

Set @: 1234'

With: 222 sacks

Hole Size: 12-1/4"

TOC @ Surface

By: Circulation

Perfs:	Zone:	Status:
5433-5443	Blinebry	Proposed
5447-5450	Blinebry	Proposed
5461-5466	Blinebry	Proposed
5470-5480	Blinebry	Proposed

Perfs:	Zone:	Status:
6110-6118	Tubb	Proposed
6122-6128	Tubb	Proposed
6138-6144	Tubb	Proposed
6160-6170	Tubb	Proposed
6254-6264	Tubb	Proposed

Perfs:	Zone:	Status:
6333-6340	Drinkard-Abo	Proposed
6408-6413	Drinkard-Abo	Proposed
6469-6474	Drinkard-Abo	Proposed
6488-6498	Drinkard-Abo	Proposed
6744-6750	Drinkard-Abo	Proposed
6780-6786	Drinkard-Abo	Proposed
6810-6820	Drinkard-Abo	Proposed
6830-6838	Drinkard-Abo	Proposed
6865-6875	Drinkard-Abo	Proposed
6878-6886	Drinkard-Abo	Proposed
6920-6928	Drinkard-Abo	Proposed
7000-7006	Drinkard-Abo	Proposed
7012-7016	Drinkard-Abo	Proposed
7078-7086	Drinkard-Abo	Proposed
7096-7104	Drinkard-Abo	Proposed
7160-7170	Drinkard-Abo	Proposed
7214-7218	Drinkard-Abo	Proposed
7222-7230	Drinkard-Abo	Proposed
7274-7278	Drinkard-Abo	Proposed

Production Casing

Size: 5-1/2" 17# L-80

Set @: 7282'

With: 2140 sks

Hole Size: 7-7/8"

TOC: Surface

By: Circulation

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, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Updated:

By: LGEK

PBTD: 7300'

TD: 7300'