

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-42097
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: BETTIS-20 STATE COM
8. Well Number 007H
9. OGRID Number 15363
10. Pool name or Wildcat TRIPLE X, BONE SPRING, WEST

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator MURCHISON OIL & GAS, INC.	
3. Address of Operator 7250 DALLAS PARKWAY, STE. 1400, PLANO, TX 75024	
4. Well Location Unit Letter N : 200 feet from the SOUTH line and 2310 feet from the WEST line Section 20 Township 24S Range 33E NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3532 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL. ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

We respectfully request permission to change the surface location to allow drilling from a three-well pad site as shown on the attached amended C-102.

We also request permission to change the production casing to 5.5" and eliminate the 7" and 4.5" casing strings as described below:

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC
Prod	8.5	5.5	20	15500	1600	3000

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Vice President Operations DATE 6/4/15

Type or print name: Gary Cooper E-mail address: rcooper@idmii.com PHONE: 972-931-0700

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer

Conditions of Approval (if any):

DATE

07/27/15

E-PERM KE

JUL 27 2015

KE

N89°45'12"E 2643.92 FT		N89°45'12"E 2643.92 FT	
NW CORNER SEC. 20 LAT. = 32°12'37.530"N LONG. = 103°36'10.354"W	N/4 CORNER SEC. 20 SCALED BOTTOM OF HOLE	NE CORNER SEC. 20 1670'	S00°25'16"E 2634.92 FT
BOTTOM OF HOLE LAT. = 32°12'31.174"N LONG. = 103°35'08.807"W			
NOTE: LATITUDE AND LONGITUDE COORDINATES ARE GIVEN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES MINUTES DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANK EAST (NAD83) COORDINATES MODIFIED TO SURFACE			
W/4 CORNER SEC. 20 LAT. = 32°12'41.408"N LONG. = 103°36'10.330"W	E/4 CORNER SEC. 20 LAT. = 32°42'14.327"N LONG. = 103°35'08.807"W		S00°25'22"E 2640.40 FT
BETTIS "30" STATE COM #7H ELEV. = 3533.4' LAT. = 32°11'47.226"N (NAD83) LONG. = 103°35'43.412"W			
SW CORNER SEC. 20 LAT. = 32°11'45.309"N LONG. = 103°36'10.253"W	SE CORNER SEC. 20 LAT. = 32°11'45.204"N LONG. = 103°35'08.798"W		
SURFACE LOCATION 2510'			
S89°45'52"W 2640.44 FT		S89°40'45"W 2645.20 FT	

"OPERATOR CERTIFICATION"

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization, either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location, or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Printed Name **Gary Cooper**

E-mail Address **rcooper@jdmii.com**

6/4/15

Date

"SURVEYOR CERTIFICATION"

I hereby certify that the well location shown on this plat 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.

JUNE 1, 2015

Date of Survey

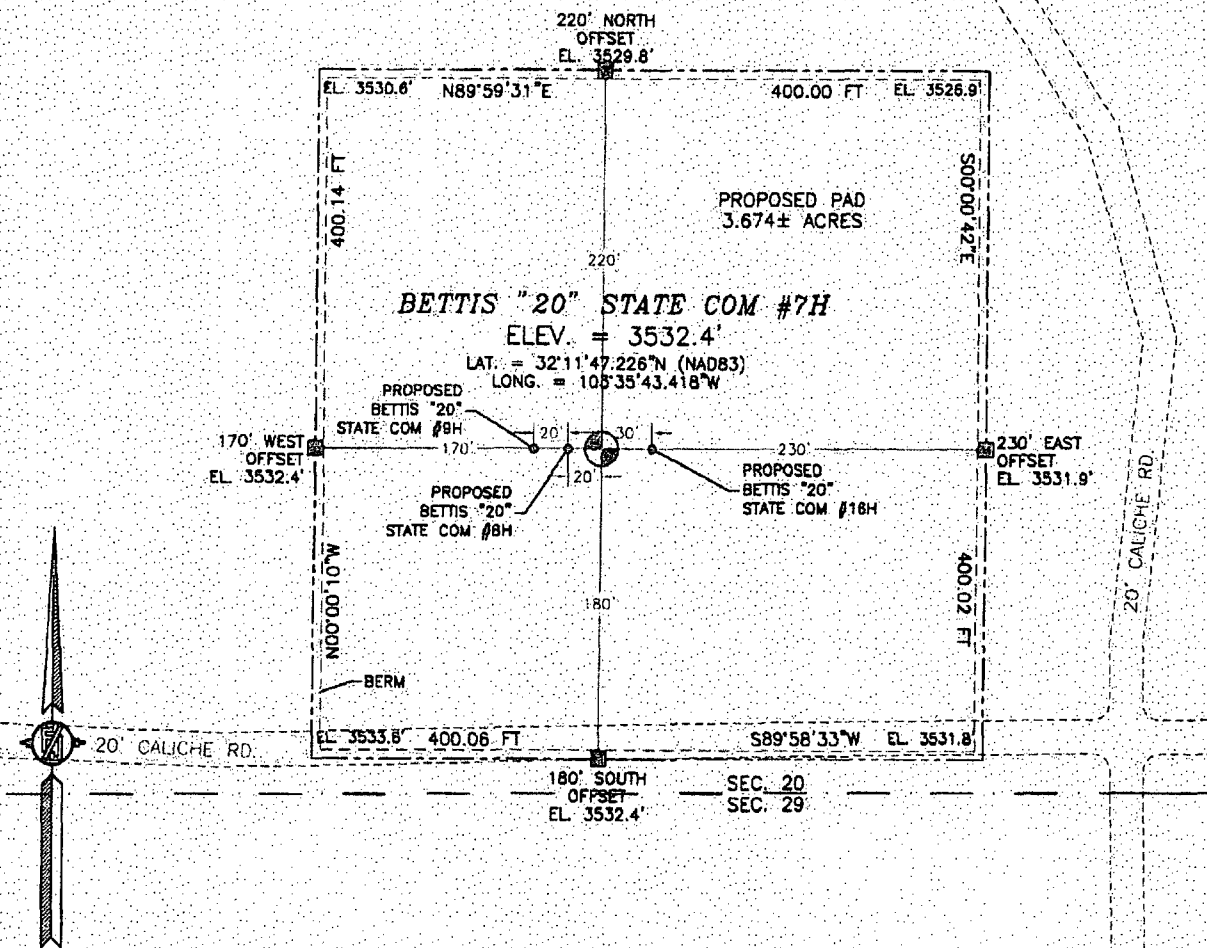
Signature and Seal of Professional Surveyor

Certificate Number: FILMUN E. JARAMILLO, PLS 13797

SURVEY NO. 3030A

SECTION 20, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES, MINUTES AND DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST (NAD83). COORDINATES MODIFIED TO SURFACE.



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION:

FROM STATE HWY. 128 AND CR. J2 (DIAMOND) GO SOUTH ON J2 1.0 MILES, TURN RIGHT ON CALICHE ROAD AND GO WEST 1.71 MILES, AND LOCATION IS ON THE RIGHT (NORTH) 170'.

MURCHISON OIL & GAS, INC.
BETTIS "20" STATE COM #7H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 2310 FT. FROM THE WEST LINE OF
SECTION 20, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 1, 2015

SURVEY NO. 9050A

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO