

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM036253

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
E W MUDGE 89. API Well No.
30-045-26217-00-S110. Field and Pool or Exploratory Area
BISTI LOWER GALLUP11. County or Parish, State
SAN JUAN COUNTY, NM1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
DJR OPERATING LLC
Contact: ALICE MASCARENAS
E-Mail: amascarenas@djrlc.com3a. Address
1600 BROADWAY SUITE 1960
DENVER, CO 80202
3b. Phone No. (include area code)
Ph: 505-632-34764. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 16 T25N R11W NWSE 1980FSL 1770FEL
36.399090 N Lat, 108.005770 W Lon

12. CHECK THE APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

DJR Operating, LLC plan to use a closed loop system while conduction work on the EW Mudge 8 re-complete.

NMOC

OCT 18 2019

DISTRICT III

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

Electronic Submission #488468 verified by the BLM Well Information System
For DJR OPERATING LLC, sent to the Farmington
Committed to AFMSS for processing by JOHN HOFFMAN on 10/17/2019 (20JH0042SE)

Name (Printed/Typed) ALICE MASCARENAS

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 10/16/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOHN HOFFMAN

Title PETROLEUM ENGINEER

Date 10/17/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



EW Mudge 8
Section 16, T25N, R11W
API#: 30-045-26217
October 14, 2019
Stacy Sandoval and Loren Diede

Plug Back and Recompletion Procedure

Plug Back

1. MIRU workover rig.
2. MI and set 400 bbl frac tank and fill with 120 bbl fresh water
3. Pull rods, pump, and tubing.
4. Unset packer at 4797'. TOO H with 2 3/8" tubing.
5. TIH with bit and scraper to 4800'. TOO H.
6. TIH with cement retainer and set at +/- 4778'.
7. Mix and pump the Gallup top plug with 18 sx class G cement and place on top of the retainer. (4778' - 4678')
8. Mix and spot the Mancos plug with 18 sx class G cement from 3957' to 3857'.
9. Mix and spot 50 sx class G cement across the section of corroded pipe inside the 5 1/2" casing from 3785' to 3332'.
10. Tag to confirm the TOC is at +/- 3332'.
11. Pressure test casing to 600 psi. Notify DJR engineer of the pressure test results.
Assuming that the casing passes the pressure test continue with Step 12.
12. Mix and spot 18 sx class G cement to cover the Mesa Verde top from 2070' to 1970'.
13. Mix and spot 18 sx class G cement to cover the Chacra top from 1677' to 1577'.
14. TOO H with 2 3/8" tubing.

Recompletion

15. RIH and run GR/CBL from TOC +/- 1527 to surface. Correlate to Welex Induction Electric log dated 3-17-1985.
16. RIH and perforate Pictured Cliffs as follows with 0.43" dia perforations.
 - 1349' to 1355' with 4 jspf
 - 1328' to 1338' with 2 jspf
 - 1310' to 1316' with 4 jspf
 - 1292' to 1295' with 4 jspf
 - 1252' to 1256' with 4 jspf
17. MIRU acid truck. Breakdown perforations with 1200 gal 15% NEFE HCl and 60 Bioballs at 10 bpm via casing. Record ISIP, 5, 10 and 15 min SI pressures.
18. TIH with 2 3/8" tubing to +/- 1350'.
19. Swab test the Pictured Cliffs until returns no longer show spent acid.
20. Configure the production string appropriately based on the results of Step 16.

Note: The results of the Pictured Cliffs recompletion will be evaluated and the DJR team will then determine if any other zones may be considered for recompletion.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Hixon Development Company

3. ADDRESS OF OPERATOR

P.O. Box 2810, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FSL, 1980' FEL, Section 16, T25N, R11W
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

3 miles southwest of Farmington

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

18. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

5113'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6402

6395' GLE

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS" CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

March 15, 1985

23.

This action is subject to administrative
appeal pursuant to 30 CFR 2901

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	440'	200 sacks
7-7/8"	5-1/2"	15.5#	5112'	620 sacks

It is proposed to drill the subject Bisti Lower Gallup oil well. It will be evaluated on the basis of open hole logs. Please see attached Onshore Oil & Gas Order #1 data.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Devin L. Stevens

Petroleum Engineer

APPROVED

AS AMENDED

November 20, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FEB 04 1985

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

sk7

NMOCC

*See Instructions On Reverse Side

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.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

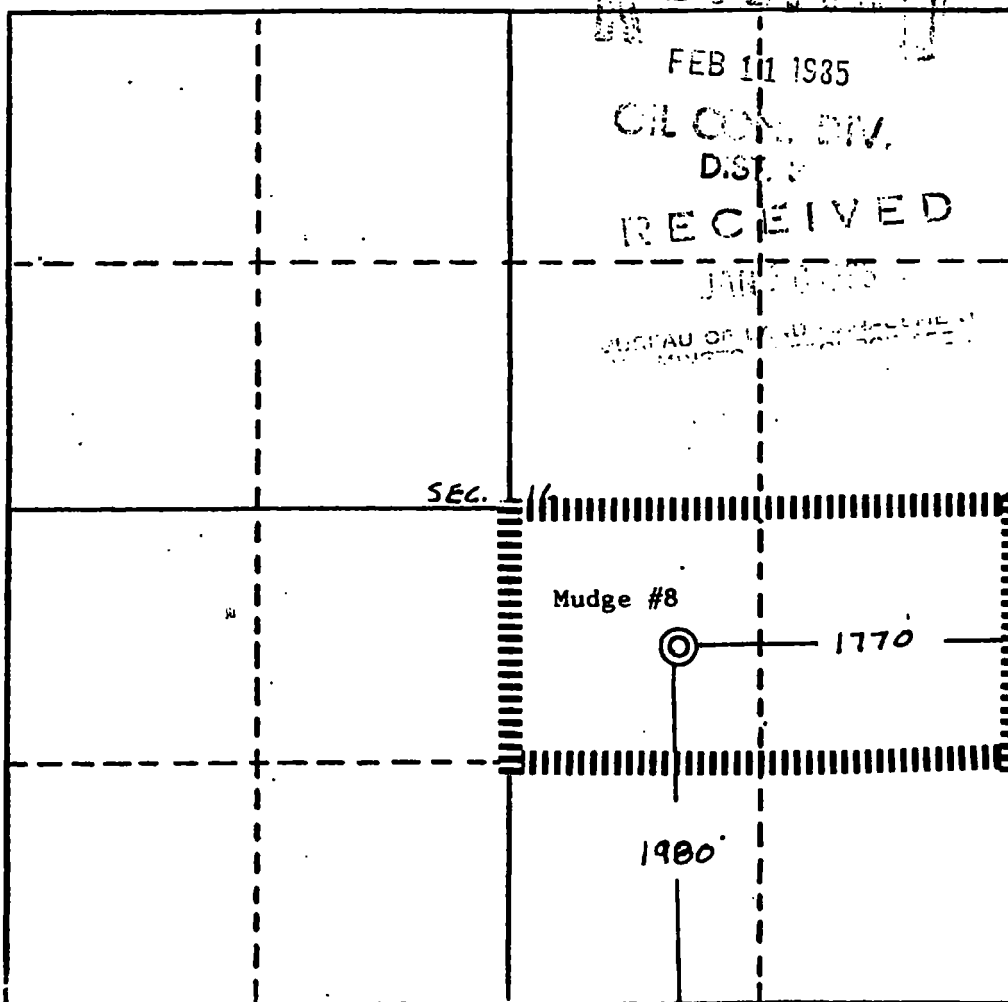
Operator Hixon Development Company			Lease Mudge		Well No. 8
Well Letter J	Section 16	Township 25 North	Range 11 West	County San Juan	
Actual Footage Location of Well:					
1980 feet from the South line and		1770 feet from the East line			
Ground Level Elev. 6402	Producing Formation Gallup	Pool Bisti Lower Gallup		Dedicated Acreage 80	Acreage

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Robert Perry Tuttle

Name

Robert Perry Tuttle

Position

Petroleum Geologist

Company

Hixon Development Company

Date

January 14, 1985

I, **EDGAR L. RISENHOVER**, a duly qualified and licensed Professional Engineer and/or Land Surveyor, certify that the location shown on this plat was obtained 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 knowledge and belief.

Date Surveyed

January 10, 1985

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.

