

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Mewbourne Oil Company PO BOX 5270 HOBBS, NM 88241		² OGRID Number 14744
		³ API Number 30-025-40162
⁴ Property Code 38647	⁵ Property Name RED HILLS WEST SWD	⁶ Well No. 1 SWD
⁹ Proposed Pool 1 SWD; Bell Canyon - Cherry Canyon		¹⁰ Proposed Pool 2

Surface Location									
UL or lot no p	Section 16	Township 26S	Range 32E	Lot Idn	Feet from the 700'	North/South line SOUTH	Feet from the 690'	East/West line EAST	County LEA

⁸ Proposed 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

Additional Well Information				
¹¹ Work Type Code NEW WELL	¹² Well Type Code SWD	¹³ Cable/Rotary	¹⁴ Lease Type Code STATE	¹⁵ Ground Level Elevation 3166'
¹⁶ Multiple	¹⁷ Proposed Depth 6300'	¹⁸ Formation DELEWARE	¹⁹ Contractor TBA	²⁰ Spud Date 07/01/11

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	1025'	373	surface
8 3/4"	7"	26#	6300'	630	surface

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.

BOP Program: Shaffer or equivalent 11" 2000# Annular

Mud Program: Surface to 1025' FW spud mud 1025' - 6300' TD Brine water

HOBBS OCD

MAY 31 2011

RECEIVED

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

SWD-1282

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature: <i>Charles L. Martin</i>		Approved by: <i>[Signature]</i>	
Printed name: Charles Martin		Title: PETROLEUM ENGINEER	
Title: Engineer		Approval Date: 06/16/11	Expiration Date:
E-mail Address: cmartin@mewbourne.com			
Date: 05/31/2011	Phone: (575) 393-5905	Conditions of Approval Attached ☐	

JUN 20 2011

Proposed SWD Wellbore Schematic

Red Hills West SWD #1

Mewbourne Oil Company

16-26S-32E

700' FSL & 690' FEL

Surface Csg

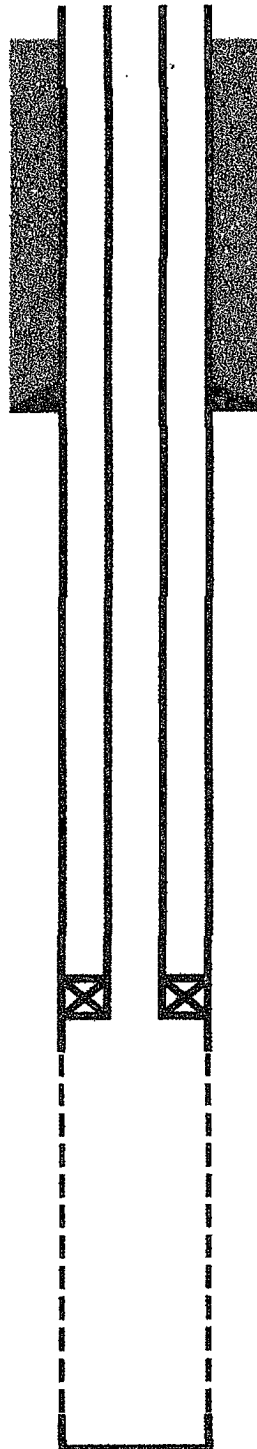
12-1/4" Hole

9-5/8" csg

Set @ 1025'

Cmt w/ 373 sx

Circulate to surface



Tubing

2-7/8" TK99 IPC to 5000'

Arrowset 1X Packer (nickel plated)

Production Csg

8-3/4" Hole

7" csg

Set @ 6300'

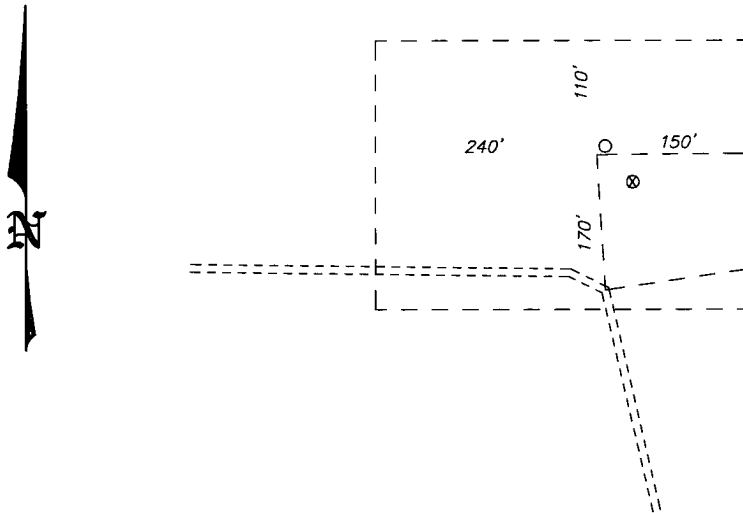
Cmt w/ 630 sx

Circulate cmt to surface

Perforate 5100-6250

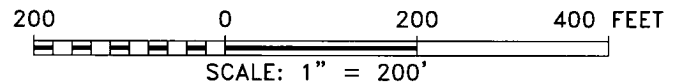
TD @ 6300'

**SECTION 16, TOWNSHIP 26 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.**



**MEWBOURNE OIL COMPANY
RED HILLS WEST SWD #1
ELEV. - 3166'**

Lat - N 32°02'14.59"
Long - W 104°40'23.15
NMSPCE- N 377945.343
E 704575.117
(NAD-27)



Directions to Location:

FROM THE JUNCTION OF CO. J-1 (BATTLE AXE) AND
CO. RD. J-1 (ORLA), GO NORTHEAST ON ORLA FOR
APPROX. 1 MILE TO LEASE ROAD; THEN SOUTH AND
EAST ON LEASE ROAD FOR APPROX. 1.0 MILE TO
EXISTING DRY HOLE AND PROPOSED LOCATION.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 24649 Drawn By: K. GOAD

Date: 05-25-2011 Disk: KJG - 24649WELL

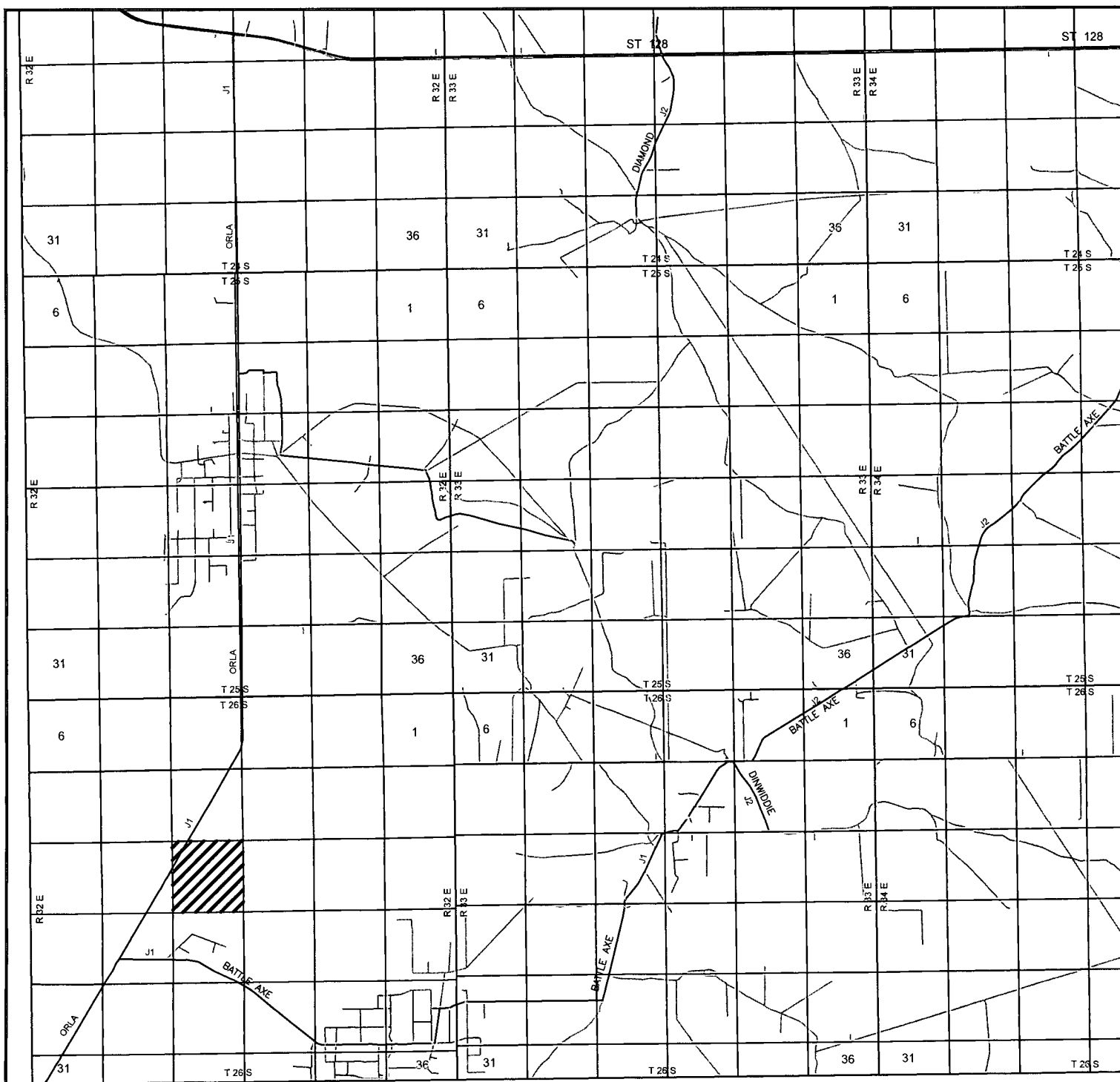
MEWBOURNE OIL COMPANY

REF: RED HILLS WEST SWD #1 / WELL PAD TOPO

THE RED HILLS WEST SWD #1 LOCATED 700'

FROM THE SOUTH LINE AND 690' FROM THE EAST LINE OF
SECTION 16, TOWNSHIP 26 SOUTH, RANGE 32 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 05-05-2011 Sheet 1 of 1 Sheets



RED HILLS WEST SWD #1
Located 700' FSL and 690' FEL
Section 16, Township 26 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

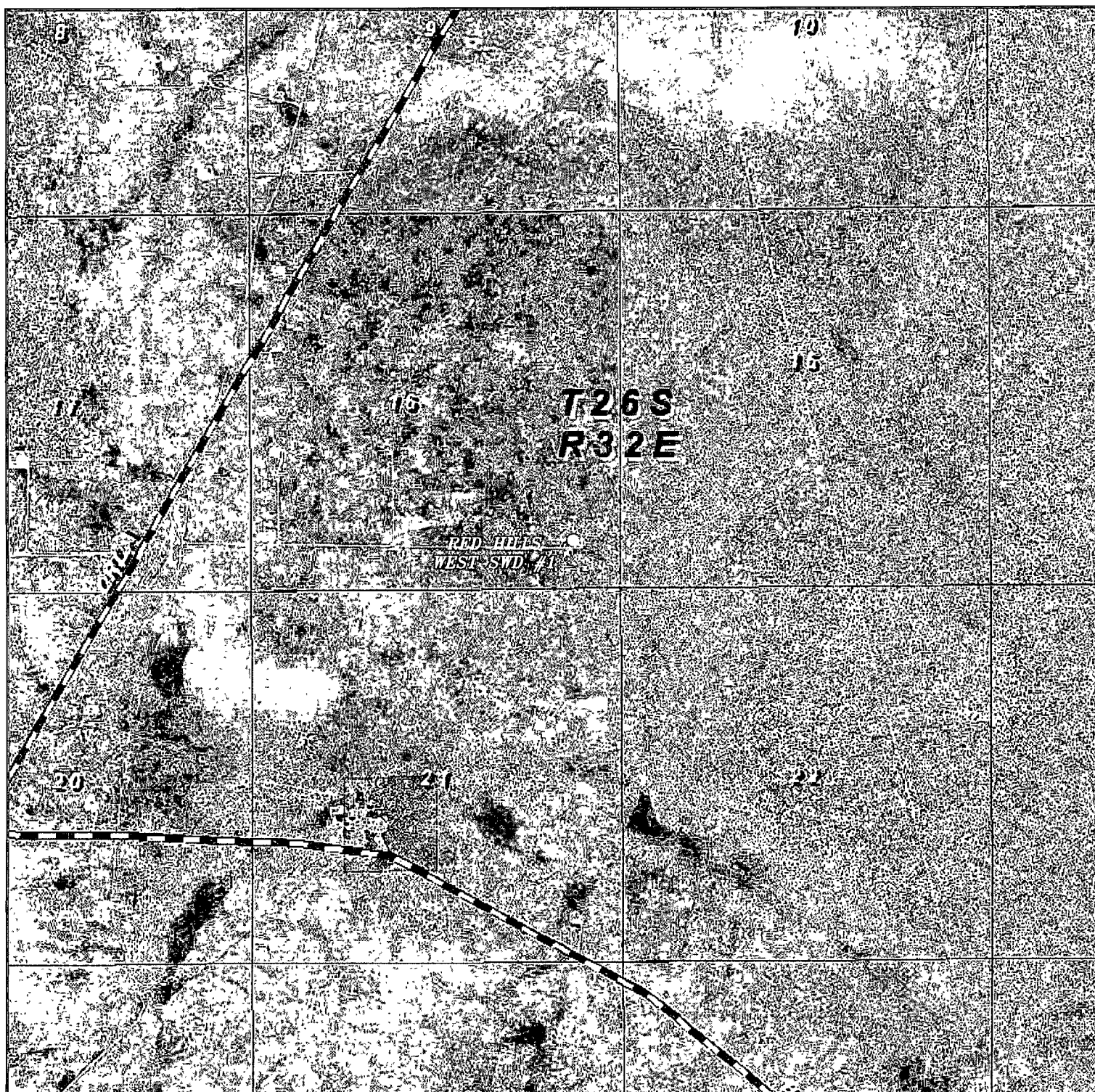
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Survey Date: 05-05-2011

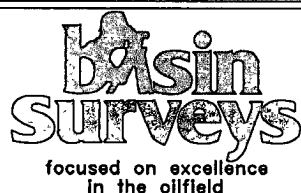
Scale: 1" = 2 Miles

Date: 05-25-2011

MEWBOURNE
OIL COMPANY



RED HILLS WEST SWD #1
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Section 16, Township 26 South, Range 32 East,
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Scale: 1" = 2000'

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

MEWBOURNE
OIL COMPANY