

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

MEWBOURNE OIL COMPANY

Crow Flats "26" Federal #1H

330' FSL & 330' FEL (SHL)

Sec 26-T16S-R28E

Eddy County, New Mexico

30-015-38983

This plan is submitted with Form 3160-3, Application for Permit to Drill, Covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved, and the procedures to be followed in restoring the surface so that a complete appraisal can be made of the environmental impact associated with the proposed operations.

1. Existing Roads:

- A. Exhibit #3 is a road map showing the location of the proposed well. Existing roads are highlighted in black. Exhibits #3-#3C are maps showing the location of the proposed well and access road. Existing and proposed roads are highlighted in black.
- B. Directions from Artesia: East on NM 82 14.5 miles, turn left (north) on Turkey Track Rd. (Eddy Co. 209) 5 miles. Continue north on lease road 1 mile. Turn left (west) ¼ mile on new road to location.
- C. Existing roads will be maintained in a condition the same as or better than before operations begin.

2. Proposed Access Road:

- A. Approx ¼ mile of new road construction will be needed.
- B. The maximum width of the driving surface will be 14 feet. The road will be crowned and ditched with a 2% slope from the tip of the crown to the edge of the driving surface. The ditches will be 1 foot deep with 3:1 slopes. The road will be surfaced with 6" of rolled and compacted caliche.
- C. Mewbourne Oil Co. will cooperate with other operators in the maintenance of lease roads.

3. Location of Existing Wells:

There are producing wells within the immediate vicinity of the well site. Exhibit #4 shows the proposed well and existing wells within a one mile radius.

4. Location of Existing and/or Proposed Facilities:

- A. There are production facilities in this section at the present time.
- B. In the event that the well is productive, production facilities will be located on the south side of location. If electricity is needed, it will tie into an existing line at the edge of location as shown in exhibit 3A.
- C. Production vessels that will remain on this location will be painted to conform to BLM painting stipulations within 180 days of installation.

5. Location and Type of Water Supply

The well will be drilled with a combination of fresh water and brine water based mud systems. The water will be obtained from commercial suppliers in the area and/or hauled to the location by transport trucks over existing and proposed roads as indicated in Exhibit #3.

6. Source of Construction Materials

All material required for construction of the drill pad and access roads will be obtained from private, state, or federal pits. The construction contractor will be solely responsible for securing construction materials required for this operation and paying any royalties that may be required on those materials.

7. Methods of Handling Waste Disposal:

- A. Drill cuttings not retained for evaluation purposed will be hauled to an approved off-site facility.
- B. Water produced during operations will be hauled to an off-site permitted SWD in the area.
- C. If any liquid hydrocarbons are produced during operations, those liquids will be stored in suitable tanks until sold.
- D. Sewage and gray water will be safely contained on-site, and then waste will be disposed at an approved off-site facility.
- E. All trash, junk, and other waste materials will be stored in proper containers to prevent dispersal and will be removed to an appropriate facility within one week of cessation of drilling and completion activities.

8. Ancillary Facilities

There are no ancillary facilities within the immediate vicinity of the proposed well site.

9. Well Site Layout

- A. A diagram of the drill pad is shown in Exhibit #5. Dimensions of the pad and location of major rig components are shown.
- B. The pad dimension of 280' x 320' has been staked and flagged.
- C. An archaeological survey has been conducted on the proposed location pad.

10. Plans for Restoration of Surface

- A. Within 90 days of cessation of drilling and completion operations, all equipment not necessary for production operations will be removed. The location will be cleaned of all trash and junk to assure the well site is left as aesthetically pleasing as reasonably possible.
- B. Interim reclamation:
 - i. All areas not needed for production operations will be reclaimed.
 - ii. Caliche will be removed, the land will be recontoured, the top soil from stockpile will be spread over these areas.

- iii. The disturbed area will be restored by re-seeding during the proper growing season.
- iv. Any additional caliche required for production facilities will be obtained from the area shown in exhibit #6 as interim reclamation.

C. Final Reclamation:

- i. Upon cessation of the proposed operations, if the well is abandoned, all equipment and trash will be removed and taken to a proper facility.
- ii. The location and road surfacing material will be removed and used to patch area lease roads. The entire location will be restored to the original contour as much as reasonable possible. The top soil used for interim reclamation will be spread over the entire location. All restoration work will be completed within 180 days of cessation of activities.

11. Surface Ownership:

The surface is owned by BLM.

12. Other Information:

- A. Topography: Refer to the archaeological report for a detailed description of flora, fauna, soil characteristics, dwellings, and historical or cultural sites.
- B. The primary use of the surface at the location is for grazing of livestock.

13. Operator's Representative:

- A. Through APD approval, drilling, completion and production operations:

N.M. Young, District Manager
Mewbourne Oil Company
PO Box 5270
Hobbs, NM 88241
575-393-5905

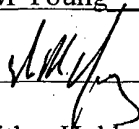
Mewbourne Oil Company

PO Box 5270
Hobbs, NM 88241
(575) 393-5905

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 7 day of Feb, 2011.

Name: NM Young

Signature: 

Position Title: Hobbs District Manager

Address: PO Box 5270, Hobbs NM 88241

Telephone: 575-393-5905

E-mail: myoung@mewbourne.com

3 EAST, N.M.P.M.,
NEW MEXICO.

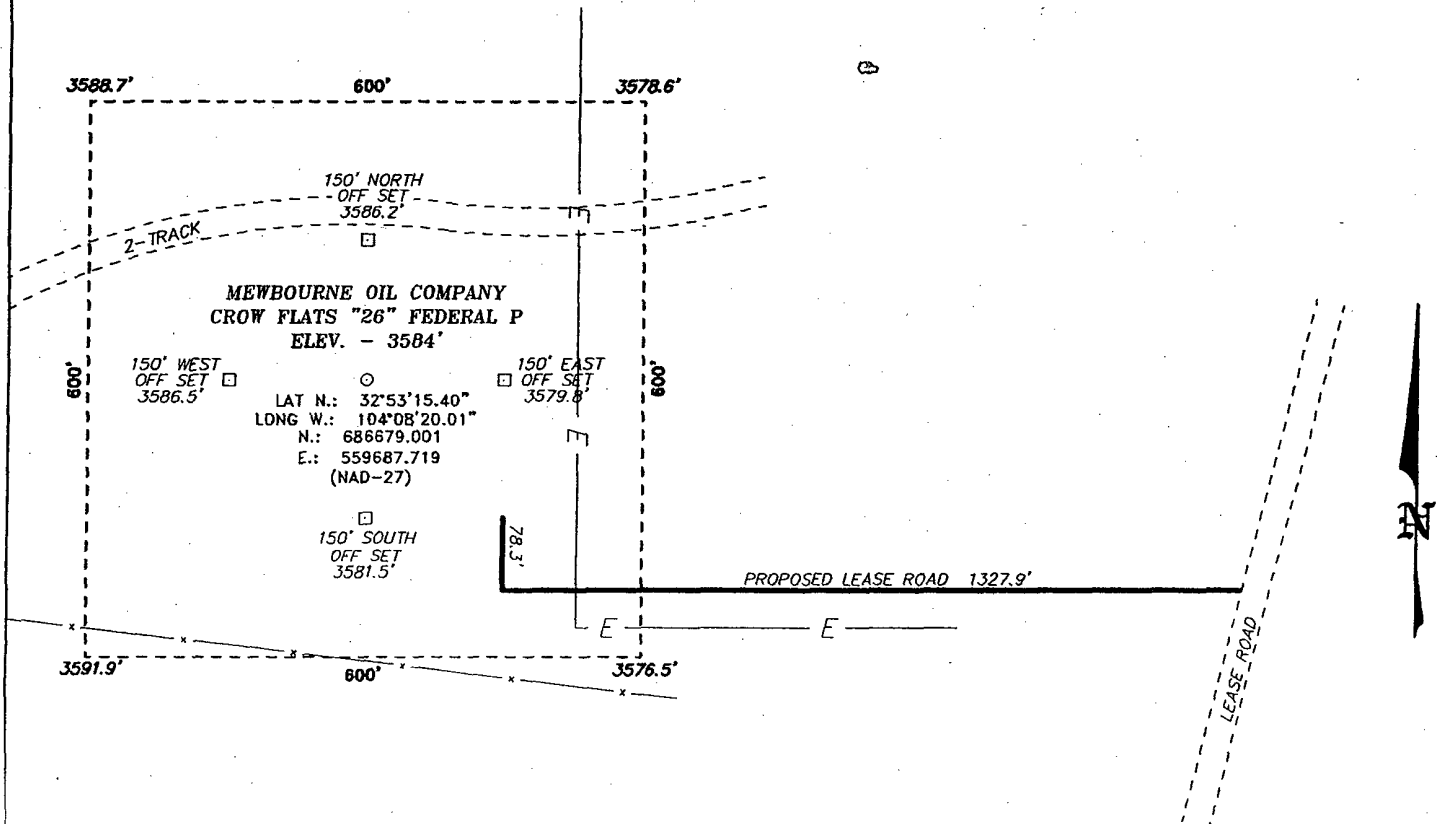
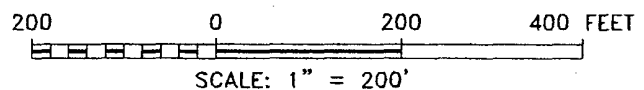


Exhibit 3



DRIVING DIRECTIONS:

FROM THE JUNCTION OF US HWY 82 AND CO. RD. 209, GO NORTH ON CO. RD. 209 5.0 MILES TO LEASE ROAD, FOLLOW LEASE ROAD NORTH TO PROPOSED LEASE ROAD.

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

W.O. Number: 18802	Drawn By: J. SMALL
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Date: 01-10-2008 Disk: JMS 18802W

MEWBOURNE OIL COMPANY

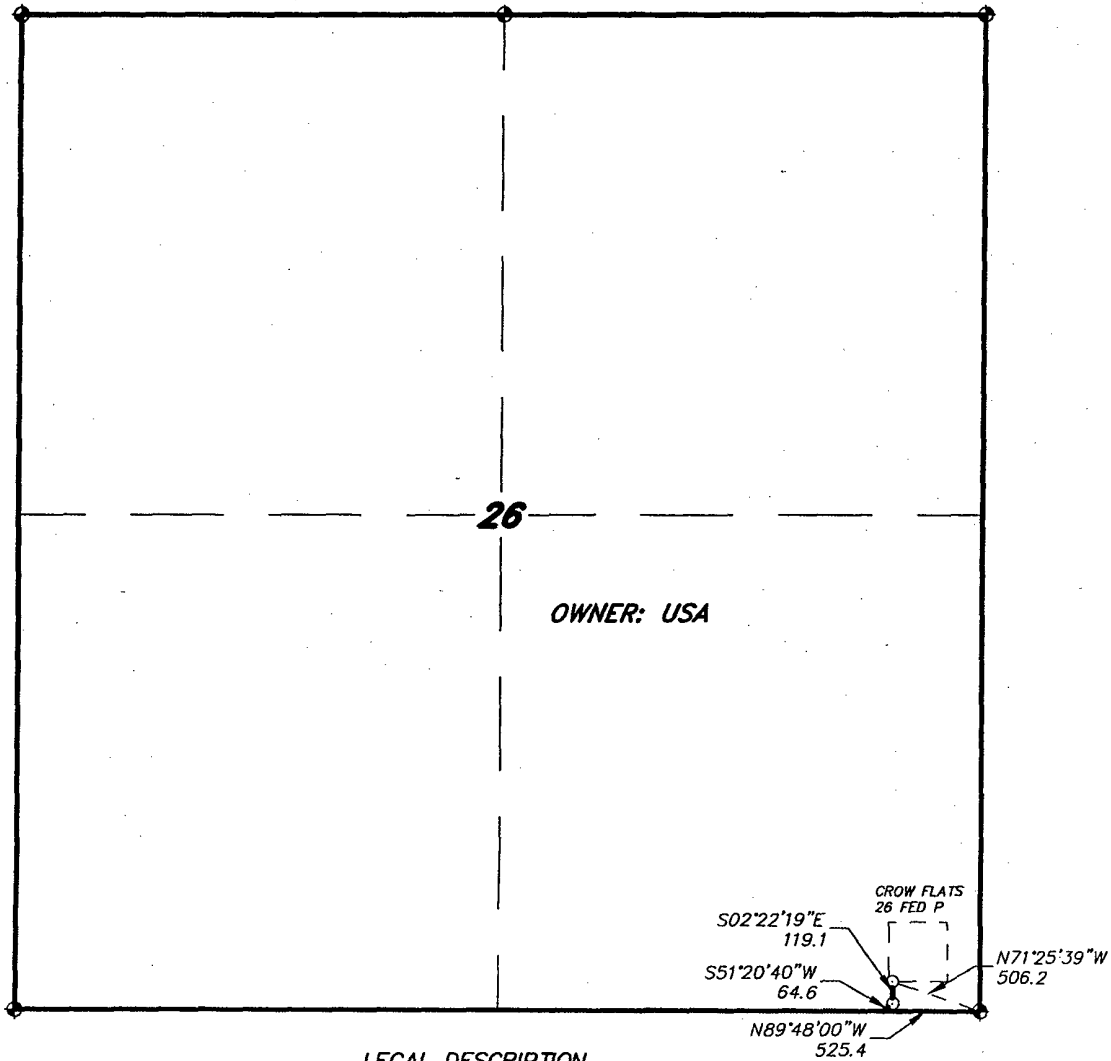
REF: CROW FLATS "26" FEDERAL P / WELL PAD TOPO

THE CROW FLATS "26" FEDERAL P LOCATED 330'
FROM THE SOUTH LINE AND 330' FROM THE EAST LINE OF
SECTION 26, TOWNSHIP 16 SOUTH, RANGE 28 EAST.

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 01-10-2008	Sheet 1 of 1 Sheets
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SECTION 26, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

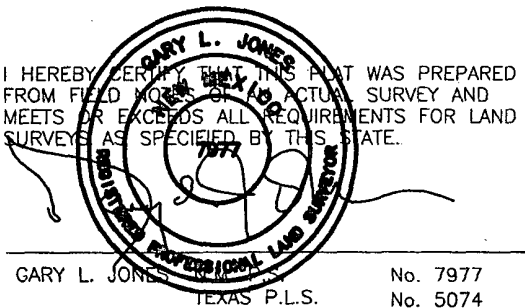


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 26, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

SECTION 26 = 183.7 FEET = 11.13 RODS = 0.03 MILES = 0.13 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED
FROM FIELD NOTES OF AN ACTUAL SURVEY AND
MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND
SURVEYS AS SPECIFIED BY THIS STATE.



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

V.O. Number: 24169 Drawn By: J. M. SMALL

Date: 03-1-2011 Disk: JMS 24169

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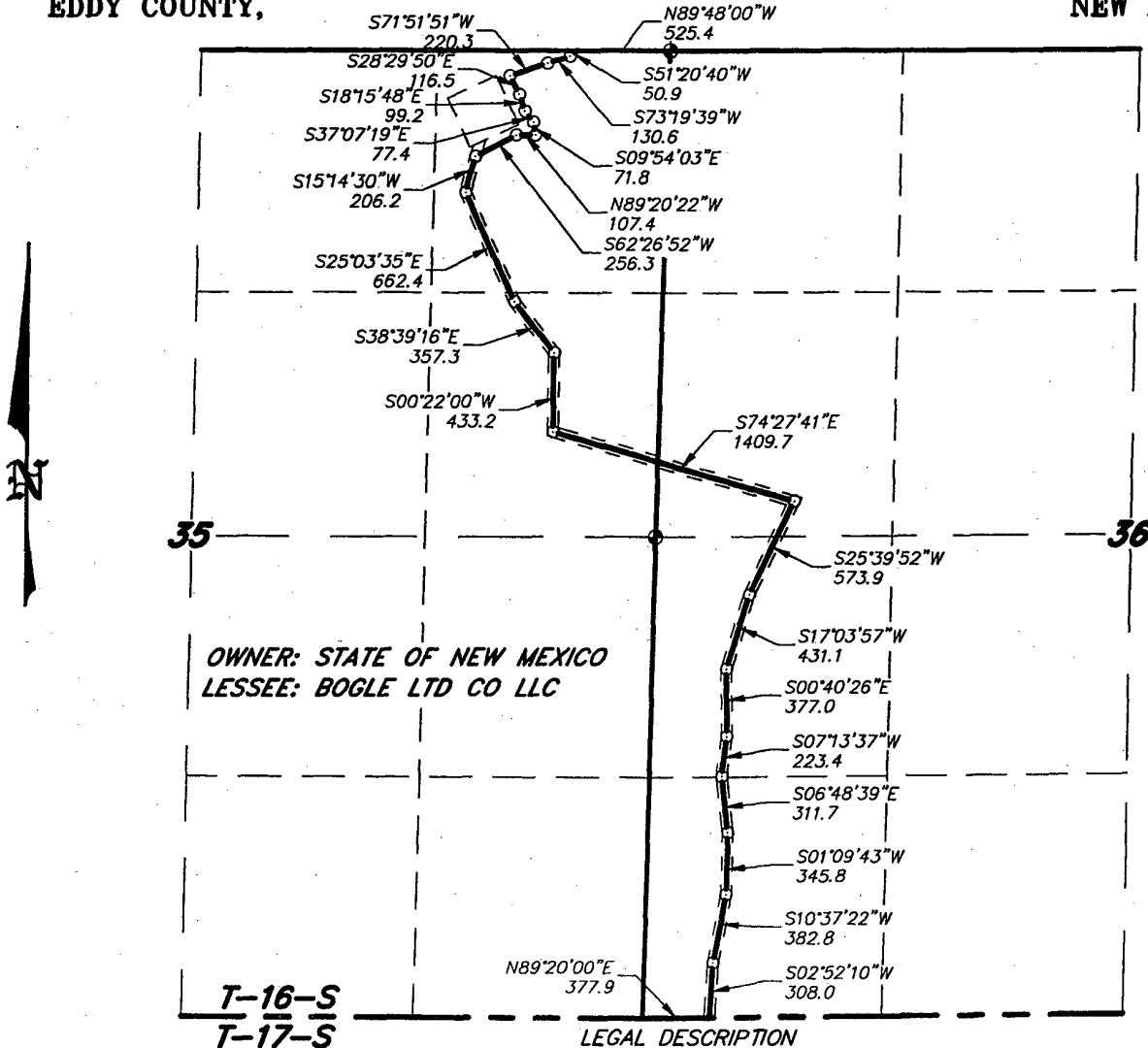
MEWBOURNE OIL COMPANY

REF: LEASE ROAD TO THE CROW FLATS 26 FEDERAL P

A LEASE ROAD CROSSING USA LAND IN
SECTION 26, TOWNSHIP 16 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 02-18-2011 Sheet 1 of 3 Sheets

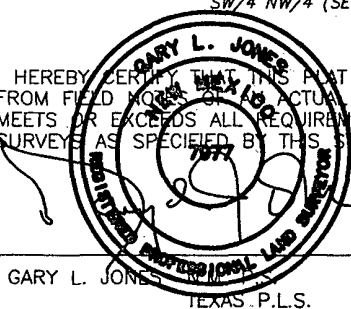
**SECTIONS 35&36, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTIONS 35&36, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.
 BEGINNING AT A POINT WHICH LIES N.89°48'00"W, 525.4 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 35; THENCE S.51°20'40"W, 50.9 FEET; THENCE S.73°19'38"W, 130.6 FEET; THENCE S.71°51'51"W, 220.3 FEET; THENCE S.28°29'50"E, 116.5 FEET; THENCE S.18°15'48"E, 99.2 FEET; THENCE S.37°07'19"E, 77.4 FEET; THENCE S.09°54'03"E, 71.8 FEET; THENCE N.89°20'22"W, 107.4 FEET; THENCE S.62°26'52"W, 256.3 FEET; THENCE S.15°14'30"W, 206.2 FEET; THENCE S.25°03'35"E, 662.4 FEET; THENCE S.38°39'16"E, 357.3 FEET; THENCE S.00°22'00"W, 433.2 FEET; THENCE S.74°27'41"E, 1409.7 FEET; THENCE S.25°39'52"W, 573.9 FEET; THENCE S.17°03'57"W, 431.1 FEET; THENCE S.00°40'26"E, 377.0 FEET; THENCE S.07°13'37"W, 223.4 FEET; THENCE S.06°48'39"E, 311.7 FEET; THENCE S.01°09'43"W, 345.8 FEET; THENCE S.10°37'22"W, 382.8 FEET; THENCE S.02°52'10"W, 308.0 FEET TO A POINT ON THE SOUTH SECTION LINE WHICH LIES N.89°20'00"E, 377.9 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 36. SAID STRIP OF LAND BEING 7152.9 FEET OR 433.51 RODS IN LENGTH AND CONTAINING 4.93 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 (SEC 35) = 117.88 RODS = 1.34 ACRES SE/4 NE/4 (SEC 35) = 88.29 RODS = 1.00 ACRES
 SW/4 NW/4 (SEC 36) = 61.45 RODS = 0.70 ACRES NW/4 SW/4 (SEC 36) = 84.42 RODS = 0.96 ACRES
 SW/4 SW/4 (SEC 36) = 81.47 RODS = 0.93 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES No. 7977
 TEXAS P.L.S. No. 5074

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

V.O. Number: 24169 Drawn By: J. M. SMALL

ate: 03-1-2011 Disk: JMS 24169

1000 0 1000 2000 FEET

MEWBORNE OIL COMPANY

REF: LEASE ROAD TO THE CROW FLATS 26 FEDERAL P

A LEASE ROAD CROSSING STATE LAND IN
 SECTIONS 35&36, TOWNSHIP 16 SOUTH, RANGE 28 EAST,
 N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 02-18-2011 Sheet 2 of 3 Sheets

SECTION 1, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

N89°20'00"E
377.9
S02°52'10"W
72.8
S10°24'33"E
200.7
S04°15'01"E
233.5
S31°04'18"W
120.9
S31°14'41"E
704.3

T-16-S
T-17-S

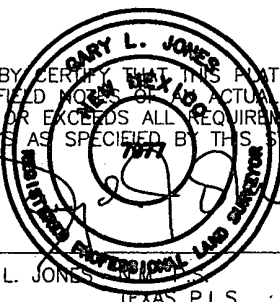
OWNER: STATE OF NEW MEXICO
LESSEE: BOGLE LTD CO LLC

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 1, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.
BEGINNING AT A POINT ON THE NORTH SECTION LINE WHICH LIES S.89°20'00"E., 377.9 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 1; THENCE S.02°52'10"W., 72.8 FEET; THENCE S.10°24'33"E., 200.7 FEET; THENCE S.04°15'01"E., 233.5 FEET; THENCE S.31°04'18"W., 120.9 FEET TO THE END OF THIS LINE WHICH LIES S.31°14'41"E., 704.3 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 1. SAID STRIP OF LAND BEING 627.9 FEET OR 38.05 RODS IN LENGTH AND CONTAINING 0.43 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 = 38.05 RODS = 0.43 ACRES

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES No. 7977
TEXAS P.L.S. No. 5074

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

V.O. Number: 24169 Drawn By: J. M. SMALL

Date: 03-1-2011 Disk: JMS 24169

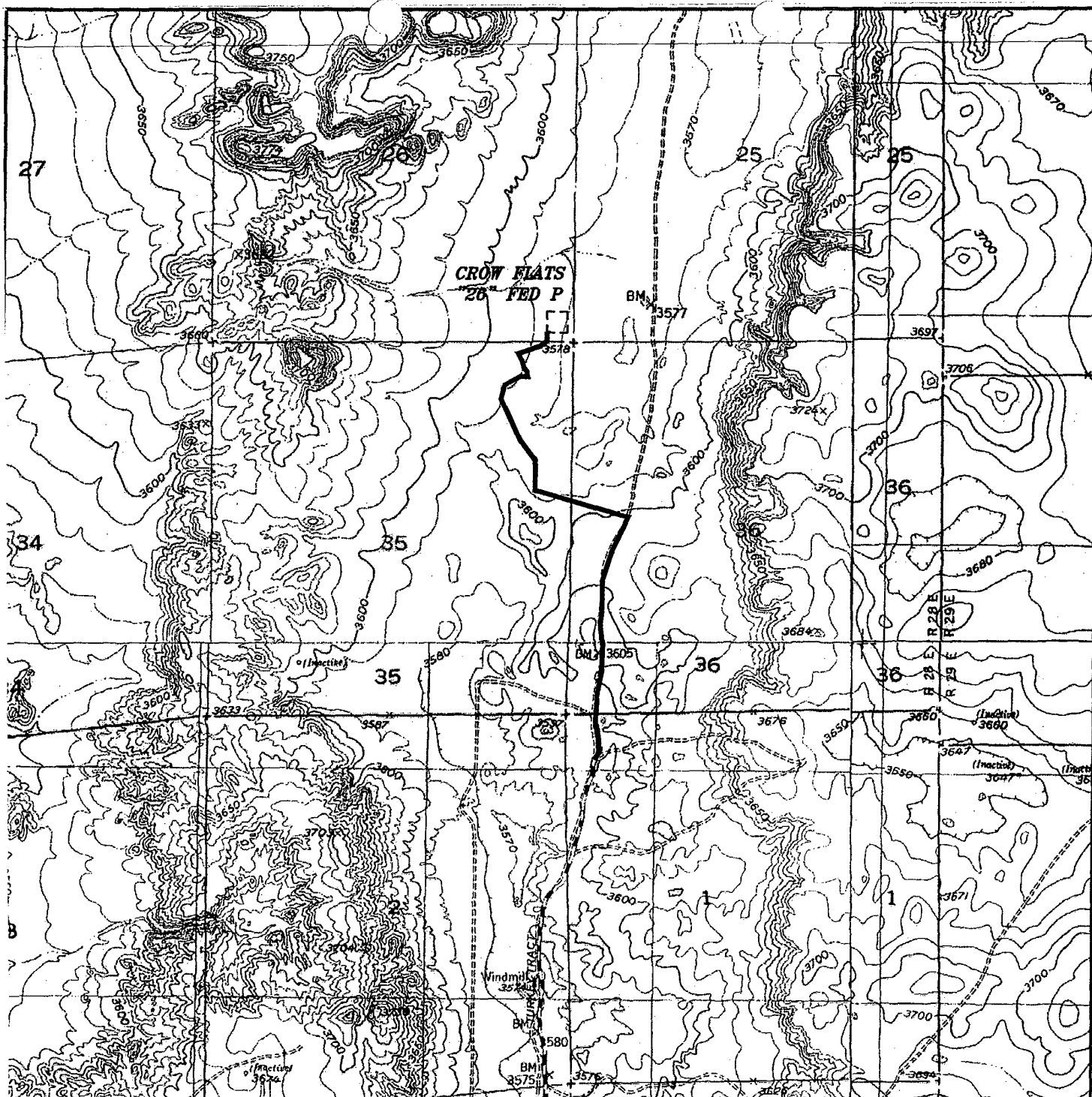
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MEWBOURNE OIL COMPANY

REF: LEASE ROAD TO THE CROW FLATS 26 FEDERAL P

A LEASE ROAD CROSSING STATE LAND IN
SECTION 1, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 02-18-2011 Sheet 3 of 3 Sheets



LEASE ROAD TO THE CROW FLATS 26 FEDERAL P
 Section 26, Township 16 South, Range 28 East,
 N.M.P.M., Eddy 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
 basin-surveys.com

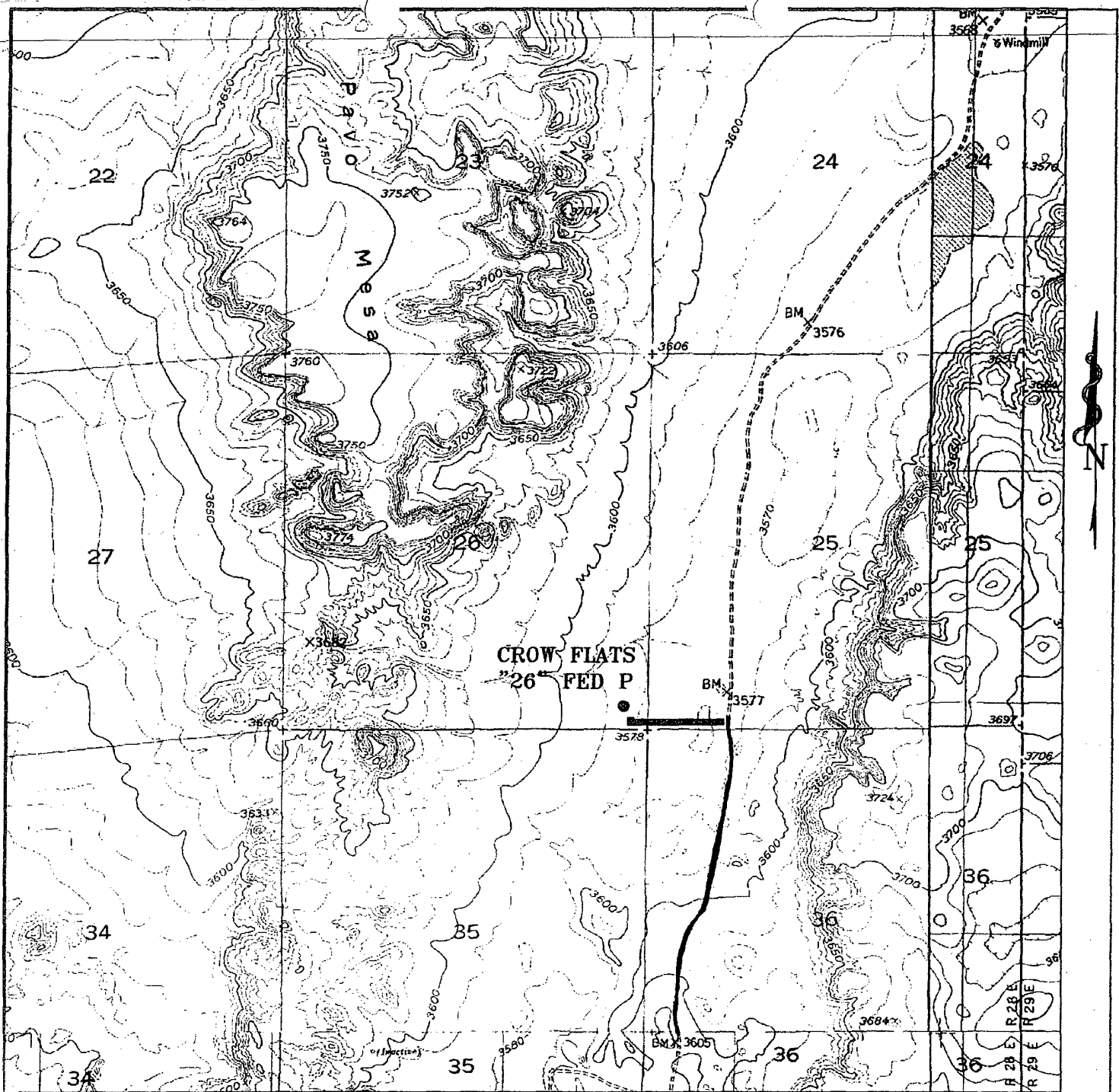
W.O. Number: JMS 24169

Survey Date: 02-18-2011

Scale: 1" = 2000'

Date: 03-01-2011

MEWBOURNE
 OIL COMPANY



CROW FLATS "26" FEDERAL P

Located 330' FSL and 330' FEL

Exhibit 3A

Section 26, Township 16 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

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P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

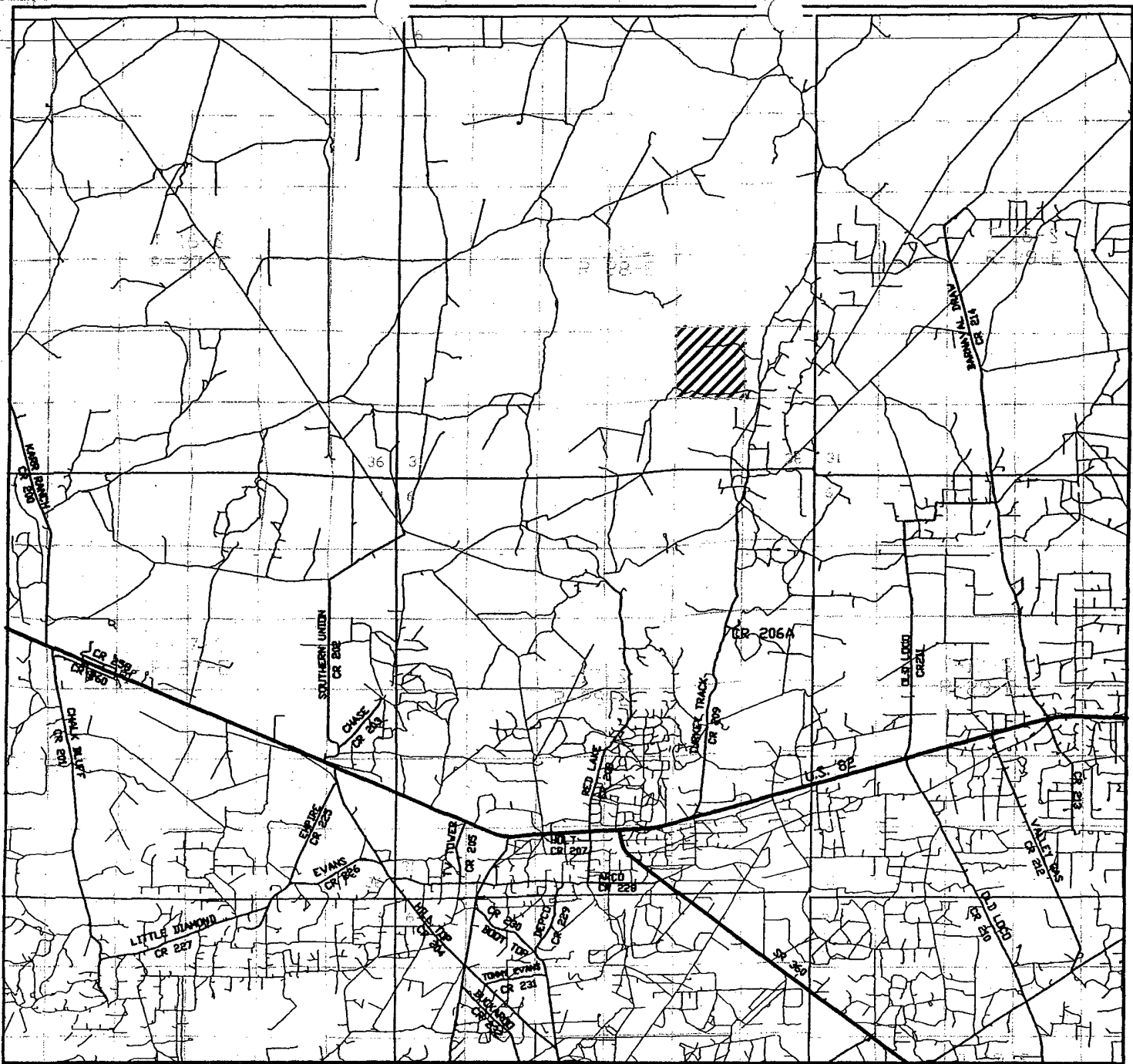
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Survey Date: 01-10-2008

Scale: 1" = 2000'

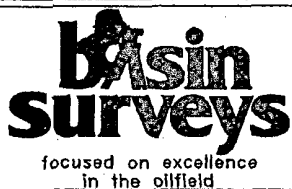
Date: 01-10-2008

MEWBOURNE
OIL CO.



CROW FLATS "26" FEDERAL P
 Located 330' FSL and 330' FEL
 Section 26, Township 16 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.

Exhibit 3B



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: 18802TR JMS

Survey Date: 01-10-2008

Scale: 1" = 2 MILES

Date: 01-10-2008

MEWBOURNE
 OIL CO.

11

22

23

24

19

27

26

25

30

Exhibit 4

- Location (Permit)
- Drilling (Well Start)
- × Abandoned Location (Permit)
- ✱ Gas Well
- Oil Well
- ✱ Oil and Gas Well
- Other (Observation, etc)
- ✱ Injection Well
- ◇ Suspended
- ✱ Plugged Gas Well
- Plugged Oil Well
- ✱ Plugged Oil and Gas
- ◇ Dry Hole (No Shows)
- ✱ Dry Hole w/Gas Show
- ✱ Dry Hole w/Oil Show
- ✱ Dry Hole w/Oil and Gas Show

16S 28E

New Mexico

Eddy

17S 28E

1

17S 29E

6

31

16S 29E

Closed Loop Pad Dimensions 280' x 320'

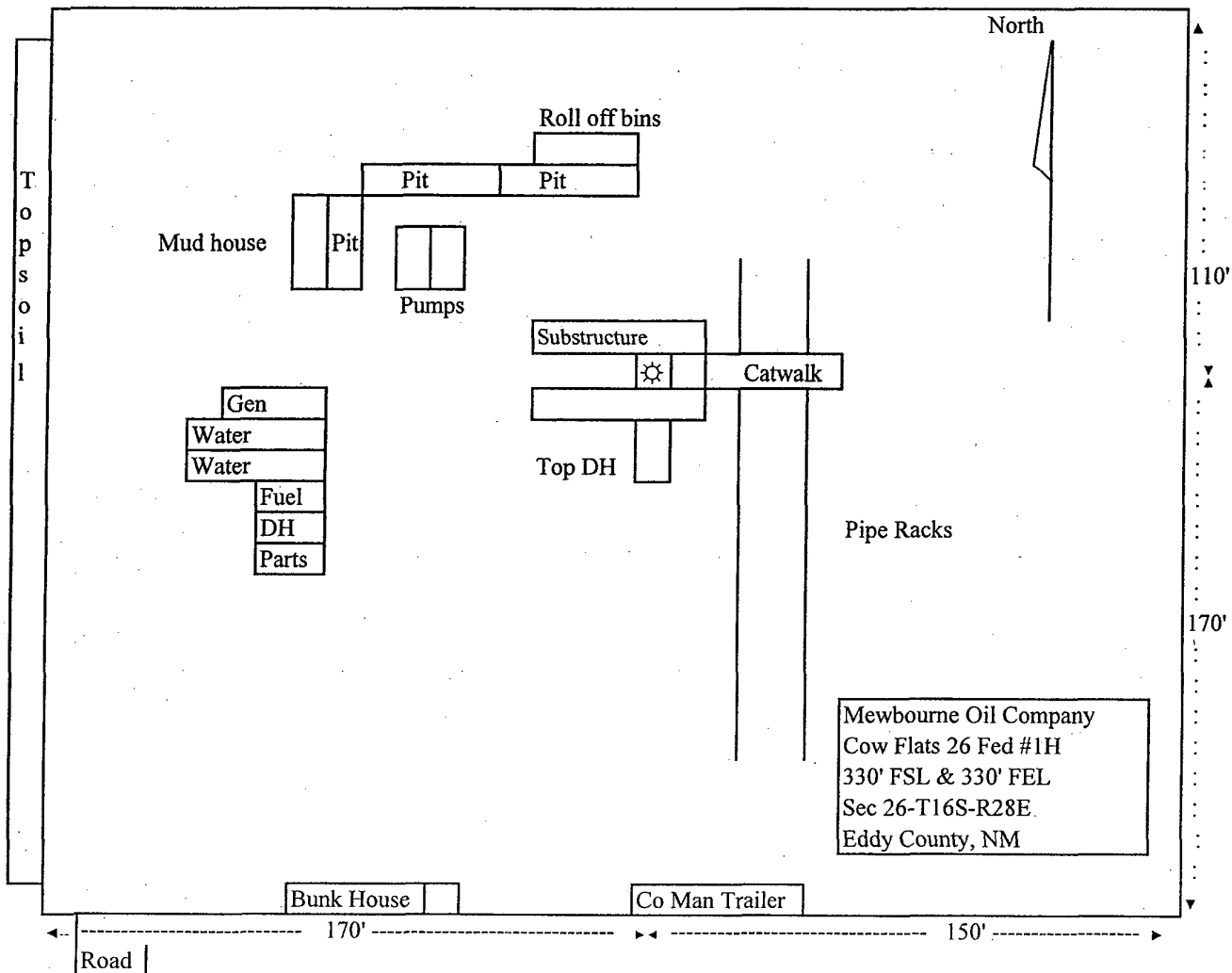


Exhibit 5

50'

Exhibit 6

