

Bany
N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-3
(August 1999)

AKL-4991 (CSB)

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 28 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER **CD-ARTESIA**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC050158
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator REATA RESOURCES, INC. <i>226068</i>		7. If Unit or CA Agreement, Name and No.
3a. Address 811 Bullock Ave. Artesia NM		8. Lease Name and Well No. Harbld # 17 <i>FEDERAL 33415</i>
3b. Phone No. (include area code) 505-748-2134		9. API Well No. 30-015-33227
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <u>Unit F</u> 2260N 1590W At proposed prod. zone		10. Field and Pool, or Exploratory EMPIRE Y-SR 22230
14. Distance in miles and direction from nearest town or post office* Aprox. 9 Miles East of Artesia, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 35 T17S R27E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1590'	16. No. of Acres in lease 80	17. Spacing Unit dedicated to this well 10
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 160'	19. Proposed Depth 450'	20. BLM/BIA Bond No. on file
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3599 GL	22. Approximate date work will start* 12-29-03	23. Estimated duration 2- Days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>[Signature]</i>	Name (Printed/Typed) Dalton Bell 748-2134	Date 12-1-03
Title President		
Approved by (Signature) /s/ Joe G. Lara	Name (Printed/Typed) /s/ Joe G. Lara	Date 27 JAN 2004
Title ACTING FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

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 reverse)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

ROSWELL CONTROLLED WATER BASIN

WITNESS Cementing 5-1/2" Casing

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name HARBOLD FEDERAL	Well Number 17
OGRID No.	Operator Name REATA RESOURCES	Elevation 3596'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	17-S	27-E		2260	NORTH	1590	WEST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

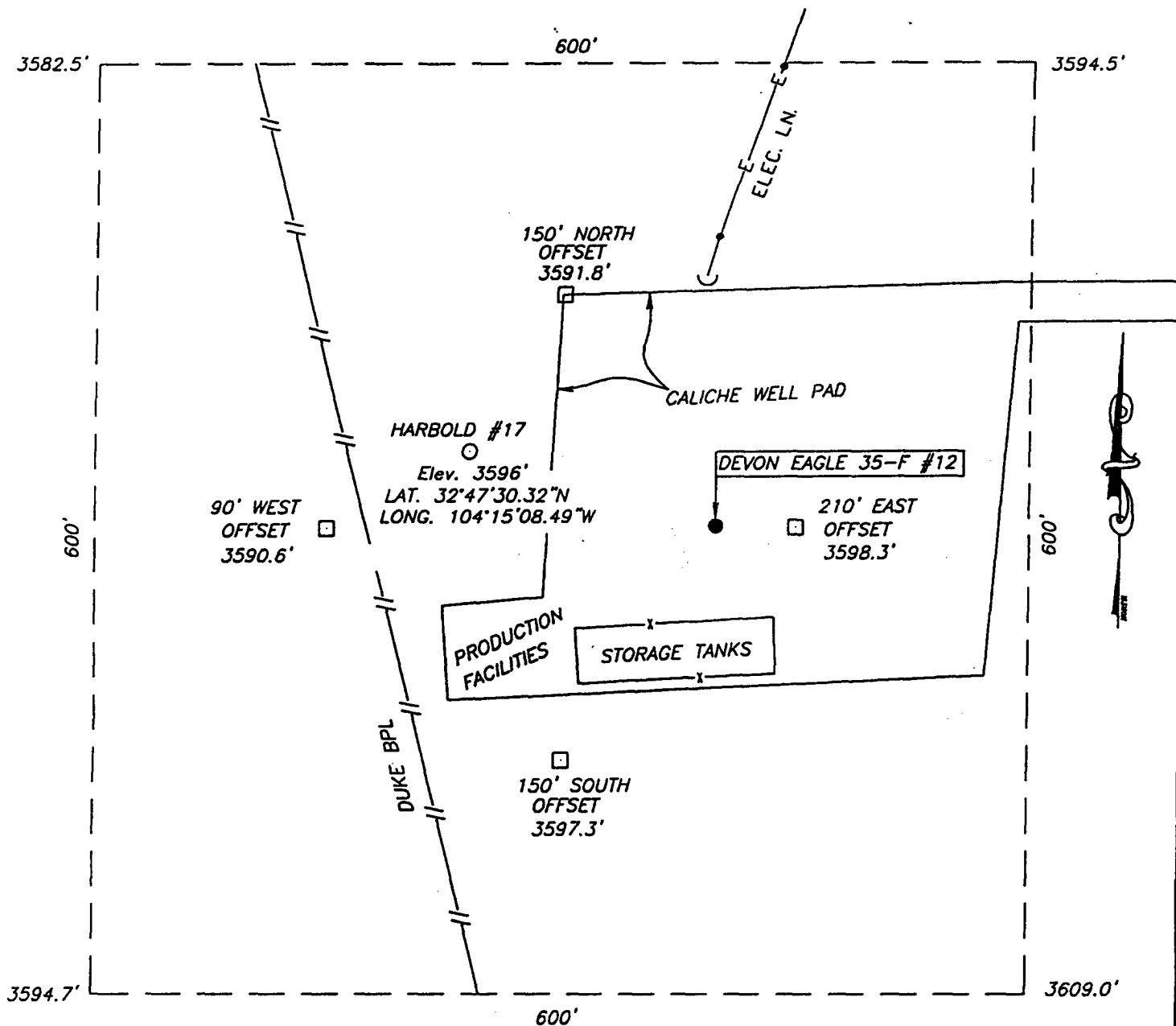
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Dalton Bell</i></p> <p>Signature</p> <p>DALTON BELL</p> <p>Printed Name</p> <p>PRES</p> <p>Title</p> <p>1-5-03</p> <p>Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 01, 2003</p> <p>Date Surveyed</p> <p>AWB</p> <p>Signature & Seal of Professional Surveyor</p> <p>12/03/03</p> <p>03.11.1211</p> <p>Certificate No. GARY EIDSON 12841</p>

GEODETIC COORDINATES

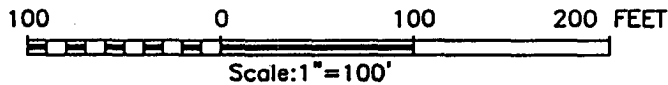
NAD 27 NMEZ
Y= 651761.3. N
X= 524884.0 E
LAT. 32°47'30.32"N
LONG. 104°15'08.49"W

SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION STATE HIGHWAY 82 AND EDDY CO. RD. #204 (HILLTOP ROAD) GO SOUTHEAST ON HILLTOP RD. 0.2 MILES TO EDDY CO. RD. #225 (EMPIRE ROAD). GO SOUTHWEST ON EMPIRE RD 1.2 MILES TO A CALICHE ROAD ON THE RIGHT. TURN WEST (RIGHT) AND GO 0.25 MILES TO THE EXISTING DEVON EAGLE 35 F #12 WELL AND THIS LOCATION.



REATA RESOURCES

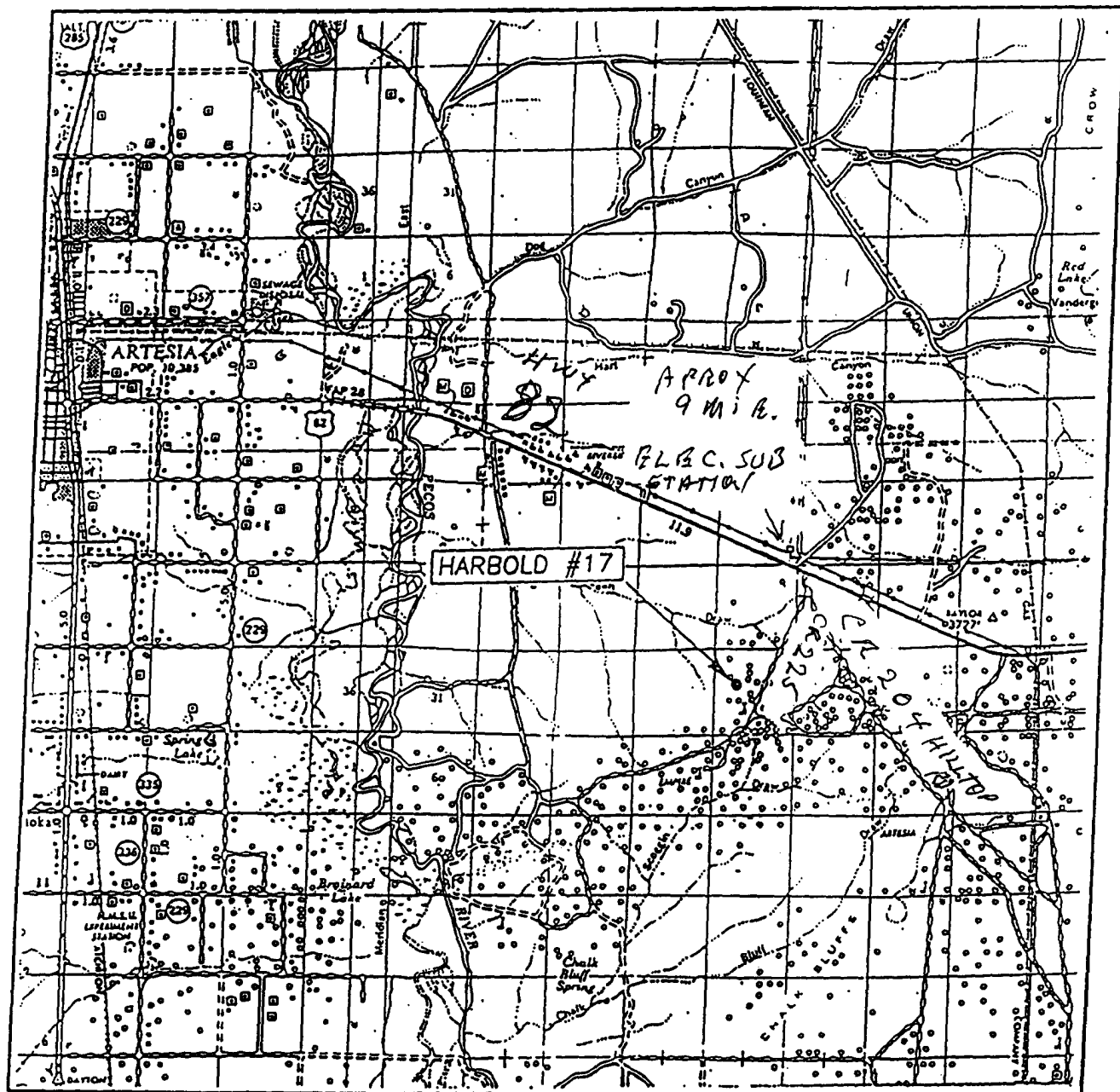
HARBOLD #17 LOCATED 2260' FROM THE NORTH LINE AND 1590' FROM THE WEST LINE OF SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 11/04/03	Sheet 1 of 1 Sheets
W.O. Number: 03.11.1211	DRAWN BY: A.B/Rev.12/03/03
Date: 11/05/03	DISK: CD#10
REATA #1211	Scale: 1"=100'

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2310' FNL & 1650' FWL

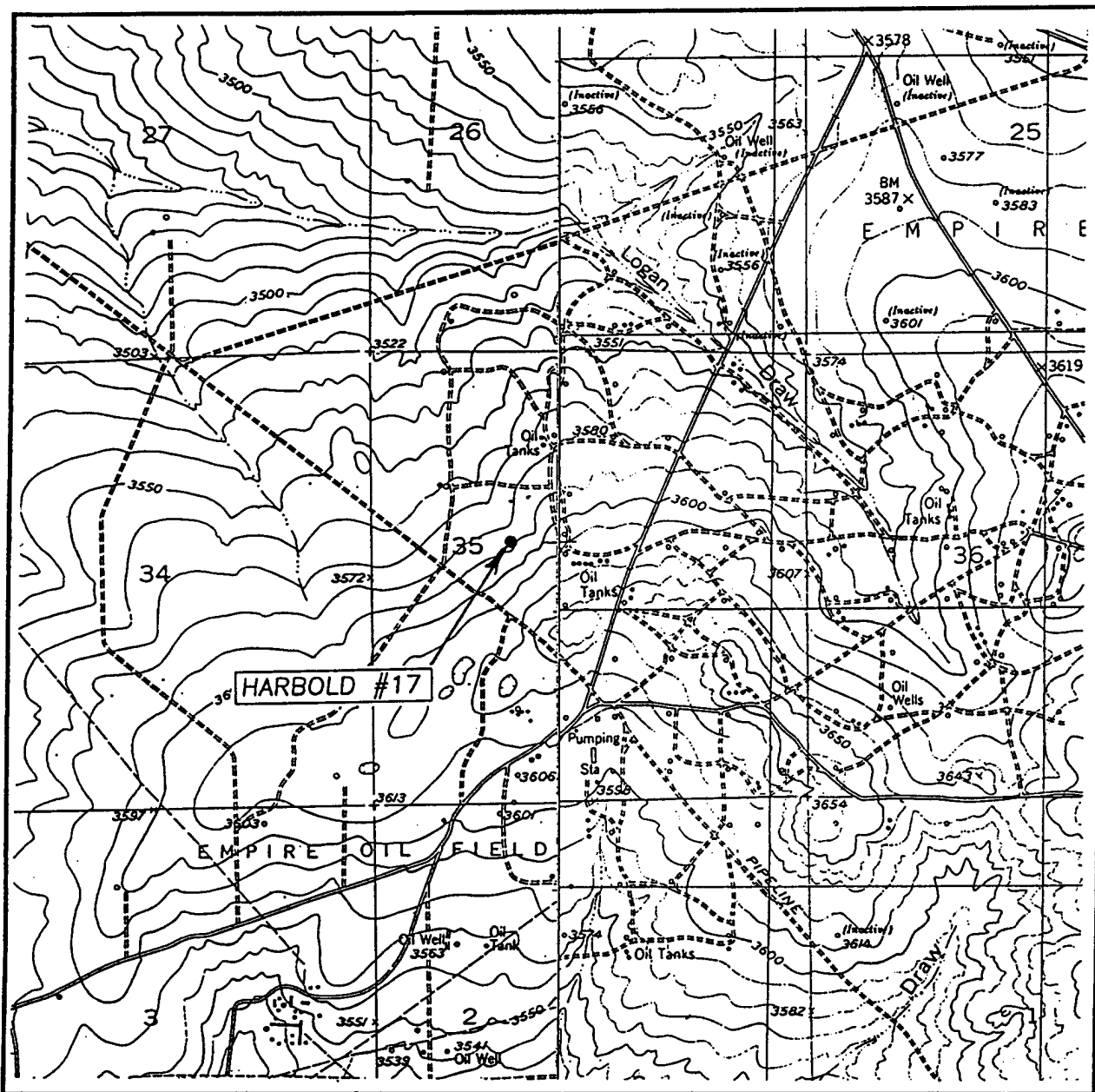
ELEVATION 3599'

OPERATOR REATA RESOURCES

LEASE HARBOLD

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

RED LAKE, N.M.
SPRING LAKE, N.M.

SEC. 35 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2260 FNL & 1.590 WL

ELEVATION 3599'

OPERATOR REATA RESOURCES

LEASE HARBOLD

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, SPRING LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

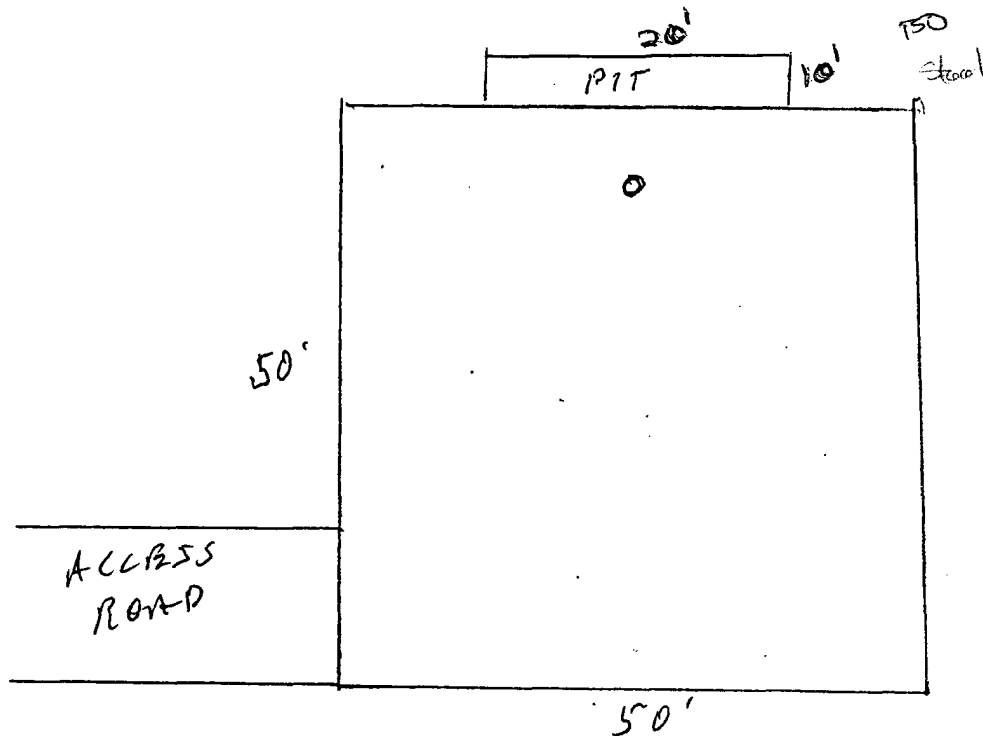


811. Bullock Ave,
Artesia, NM 88210-2338

505-748-2134

Fax-746-2345

Harbold 17, Unit F, 2260 FNL and 1590 FNL of Sec. 35-T17S R27E



Location will only be approximately 50' by 50'. Pits will be very small because Well will be drilled with Air...



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Drilling Plan for the Harbold # 17, which is located in
Unit F, 2260 N & 1590 W of Sec 35 T17S R27E, Eddy co. NM

Plan to drill 12" Hole and set 8 5/8 surface pipe and
circulate Cement.

Then drill 7 7/8 Hole and set approximately 450' of 5 1/2"
Pipe and circulate Cement.

Plan to use Rotary Air Rig to Drill which will require
much less Pit space.

Plan to complete Well in the Y-SR Formation at approximately
400 to 420'.

A handwritten signature in cursive script, appearing to read "Dalton Bell".

Dalton Bell, Pres.



811. Bullock Ave,
Artesia, NM 88210-2338

505-748-2134
Fax-746-2345

Harbold # 17 2260 N & 1590 W Sec. 35-17-27
Land Use Plan

Roads, Well is adjacent to newly completd Well belonging to Devon (Eagle 35 F # 12). Newly constructed Road runs within a few Feet of this Location. which will require very little repair work. This well will be Drilled with an air Rig which requires very little Space. The Location will be aproximately 50' by 50' and will be on ground that has been disturbed.

No turnouts, No culverts, No cuts or fill, No gates or Cattle Guards. Carlsbad BLM has approved the Location, (No archeologic Sites. (Barry Hunt.)
The facilities for Oil storage are aprox. 600' away ,and will be reached with plastic pipe part of which is in place.

No Water will be required for drilling and completion will be done with steel pits.

This well will probably only take three days to drill. We will drill daylight only.

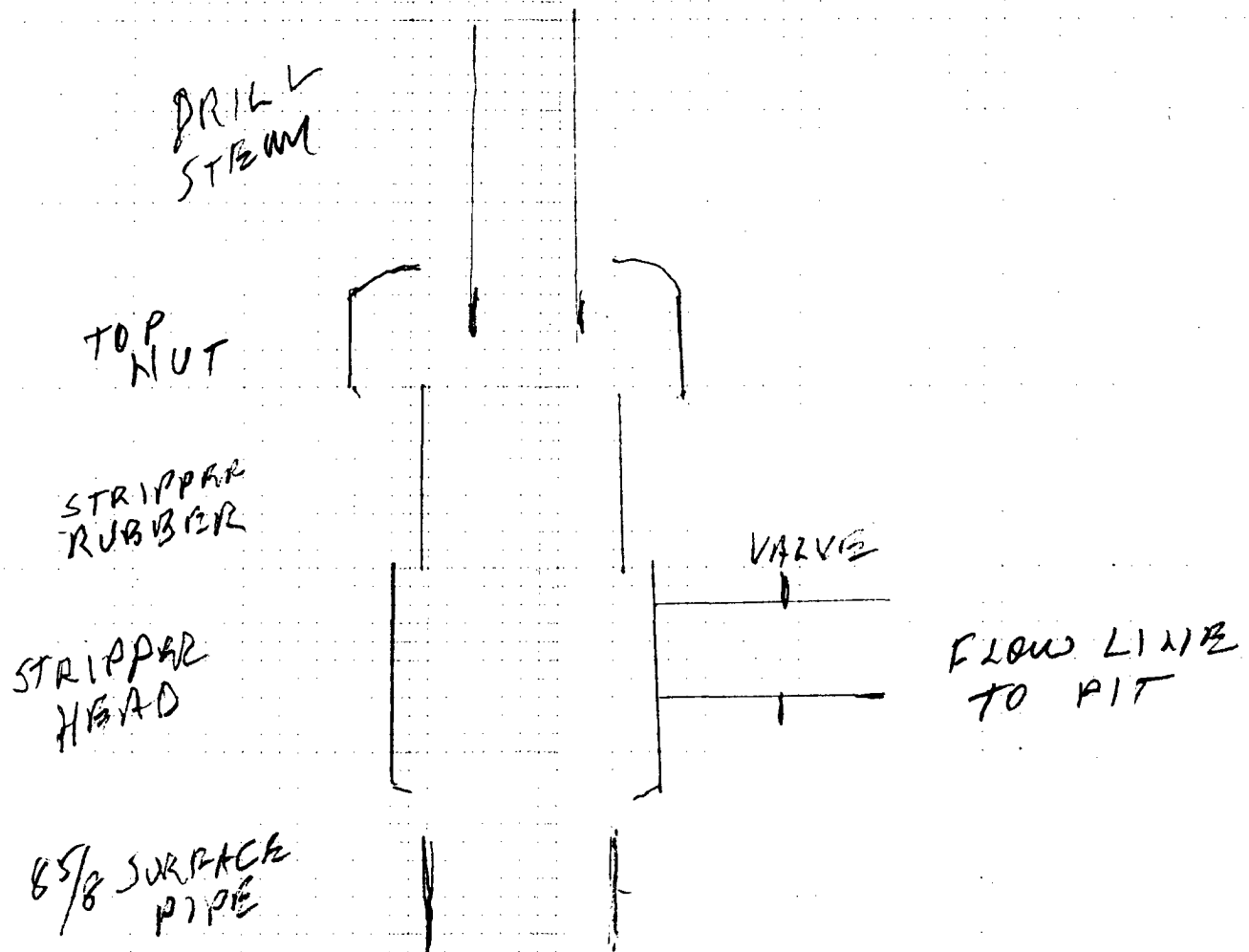
All Waste will be properly disposed of.

I hereby Certify that I have inspected the site and access. and I am familiar with the conditions which currently exist, that the statements are to the best of my knowledge are correct, and that the work on this opperation will be performed by Reata Resources Inc. and its contractors in conformance this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for filing false statements.

January 9, 2004

Dalton Bell, President
Reata Resources, Inc.

REATA RESOURCES, INC
HARBOLD 17



DRILLING HEAD
WORKS FOR BQP