

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103

June 19, 2008

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

WELL API NO.

30-045-33583

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

25016

7. Lease Name or Unit Agreement Name

RIO BRAVO ~~27~~

8. Well Number 05

9. OGRID Number

234550

10. Pool name or Wildcat

BASIN DK/BASIN FRUITLAND COAL

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

NOBLE ENERGY, INC.

3. Address of Operator

5802 US HIGHWAY 64 FARMINGTON, NEW MEXICO 87041

4. Well Location

Unit Letter E : 1505 feet from the NORTH line and 1245 feet from the WEST line

Section 27 Township 31N Range 13W NMPM SAN JUAN County, NEW MEXICO

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5673' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER: CONVERT GAS WELL TO A SALT WATER INJECTION WELL ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: Swab test results ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NOBLE ENERGY, INC. RESPECTFULLY SUBMITS THE REQUESTED SWAB TESTS OF THE POINT LOOKOUT FORMATION AS REQUIRED IN THE SWD-1207 ADMINISTRATIVE ORDER.

The following documents are attached:

1. 3RD & 4TH Swab tests analytical report from Envirotech

2. Well Plat - Mesa Verde pool

RCVD APR 29 '10
OIL CONS. DIV.

DIST. 3

* Must swab until completion fluids are removed so a representative formation water test can be taken. The results of the required testing will need to be reviewed by the NMACO before injection can commence.

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

SIGNATURE JEAN M. MUSE TITLE REGULATORY COMPLIANCE DATE 04/22/10

Type or print name JEAN M. MUSE E-mail address: jmuse@nobleenergyinc.com PHONE: 303-228-4316

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 03 2010

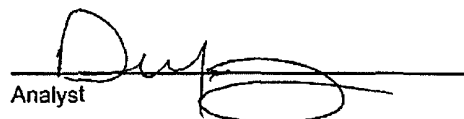
Conditions of Approval (if any): * See Above

Client:	Noble Energy	Project #:	04010-0014
Sample ID:	Third & Fourth swb	Date Reported:	04-19-10
Laboratory Number:	53731	Date Sampled:	04-16-10
Chain of Custody:	9104	Date Received:	04-16-10
Sample Matrix:	Aqueous	Date Analyzed:	04-19-10
Preservative:			
Condition:	Out of Holding Time		

Parameter	Analytical Result	Units		
pH	10.63	s.u.		
Conductivity @ 25° C	22,800	umhos/cm		
Total Dissolved Solids @ 180C	11,700	mg/L		
Total Dissolved Solids (Calc)	12,790	mg/L		
SAR	73.9	ratio		
Total Alkalinity as CaCO3	170	mg/L		
Total Hardness as CaCO3	61.4	mg/L		
Bicarbonate as CaCO3	0	mg/L	0.00	meq/L
Carbonate as CaCO3	80.0	mg/L	2.67	meq/L
Hydroxide as CaCO3	90.0	mg/L	5.29	meq/L
Nitrate Nitrogen	0.100	mg/L	0.00	meq/L
Nitrite Nitrogen	0.013	mg/L	0.00	meq/L
Chloride	6,150	mg/L	173.49	meq/L
Fluoride	1.31	mg/L	0.07	meq/L
Phosphate	0.660	mg/L	0.02	meq/L
Sulfate	217	mg/L	4.52	meq/L
Iron	0.122	mg/L	0.00	meq/L
Calcium	24.4	mg/L	1.22	meq/L
Magnesium	0.111	mg/L	0.01	meq/L
Potassium	4,970	mg/L	127.13	meq/L
Sodium	1,330	mg/L	57.86	meq/L
Cations			186.21	meq/L
Anions			186.06	meq/L
Cation/Anion Difference			0.08%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
 Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Rio Bravo 27-05


 Analyst


 Review

CHAIN OF CUSTODY RECORD

09104 RUSH

Client: Noble Energy		Project Name / Location: Rio Bravo 27-05		ANALYSIS / PARAMETERS															
Client Address:		Sampler Name: Wendy																	
Client Phone No.: 793-6010		Client No.: 04010-0014																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	PCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact	
Third sub	4/16	15:00	53731	Soil Solid	Sludge Aqueous	2 water bottles												-	✓
Fourth sub	4/16	15:30		Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
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				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
Relinquished by: (Signature) Wendy				Date 4/16	Time 17:10	Received by: (Signature) LB				Date 4/16/10	Time 17:10								
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													

client informed
some analysis will
be out of holdm
time.

email results
Bmaez@nobleenergyinc.com



envirotech
Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72349	*Pool Name SWD MESA VERDE
*Property Code	*Property Name RIO BRAVO		*Well Number 05
*GRID No. 173252	*Operator Name NOBLE ENERGY, INC.		*Elevation 5673'

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	31N	13W		1505	NORTH	1245	WEST	SAN JUAN

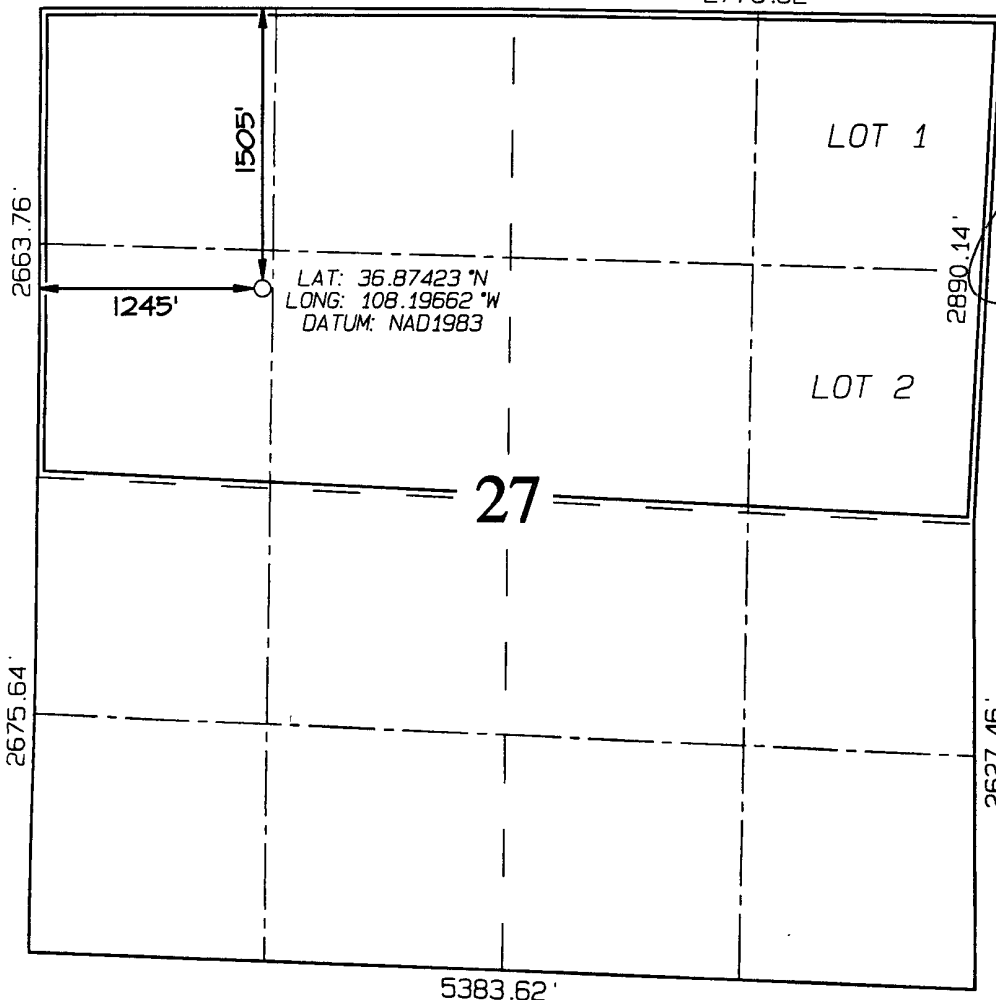
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 329.25 Acres - (N/2)					13 Joint or Infill	14 Consolidation Code	15 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

2693.46'

2776.62'



17 OPERATOR CERTIFICATION

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

Signature: *Jason M. Muse*

Printed Name: JASON M. MUSE

Title: Regulatory Compliance


Date: 4.23.10

18 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.

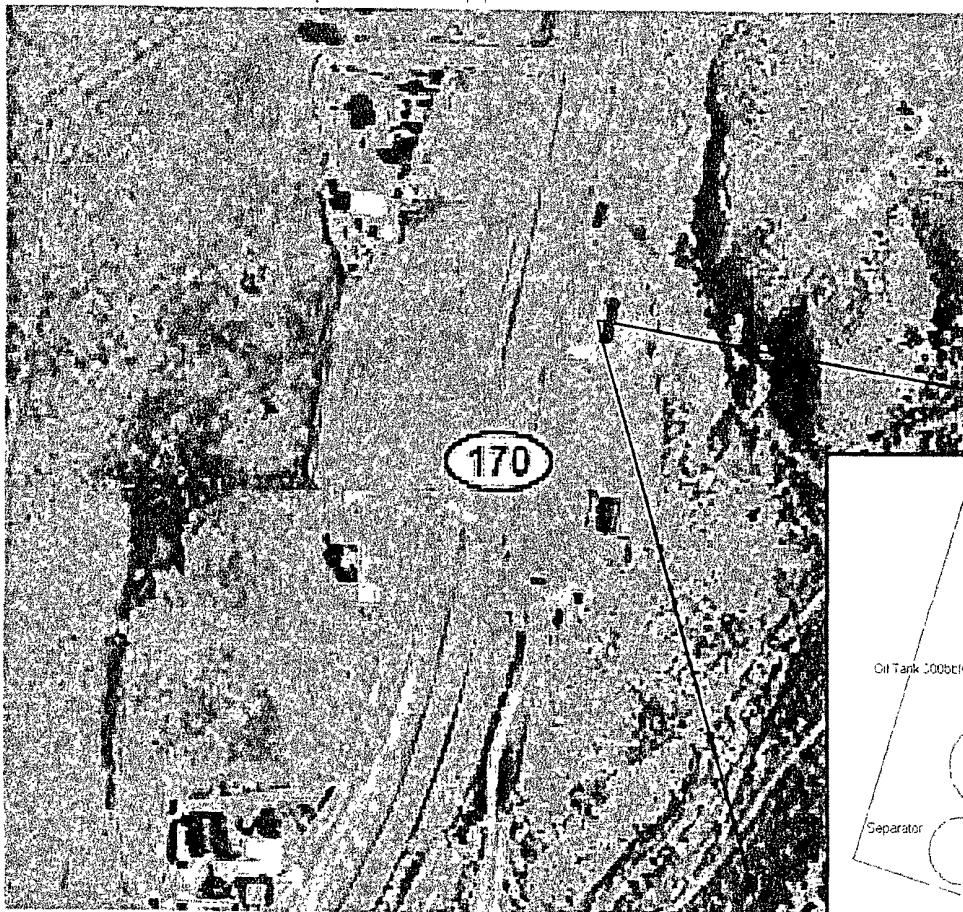
Survey Date: JANUARY 25, 2006

Signature and Seal of Professional Surveyor

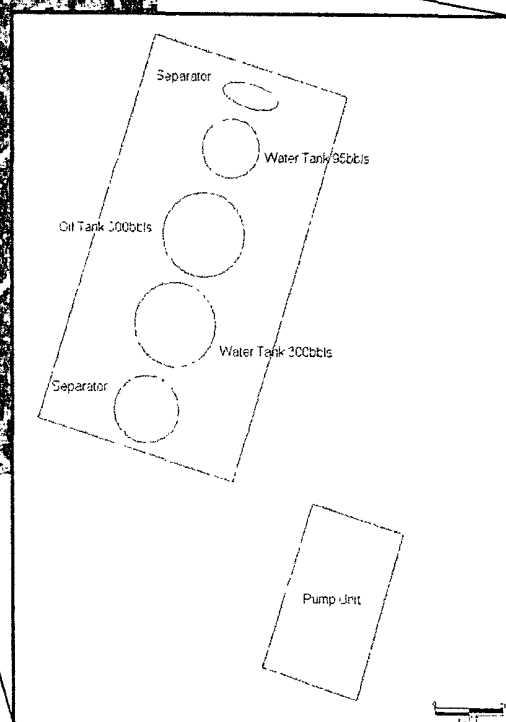


JASON C. EDWARDS

Certificate Number 15269



Satellite view.
Tank sizes not to scale.



NOBLE ENERGY PRODUCTION, INC.

SITE ID. 303340
RIO BRAVO 27-05
SEC. 27 T31N R13W



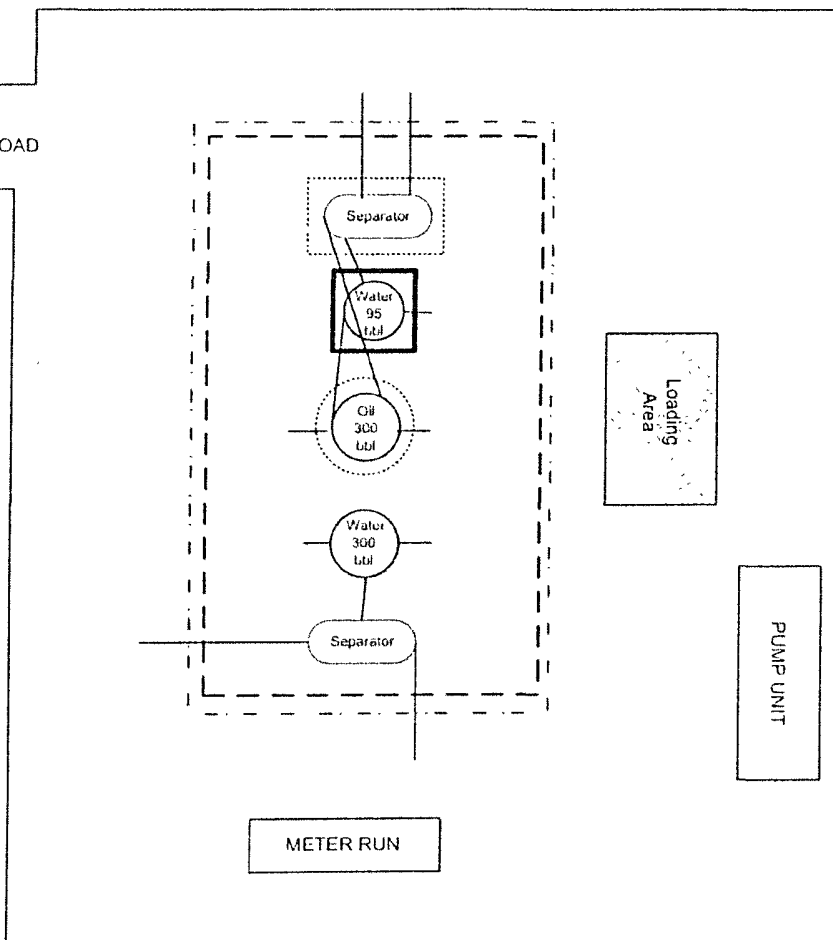
NOT TO SCALE



LEGEND

- - - - - FENCE
- - - - - BERM
- ABOVEGROUND PIPING
- RAISED PAD
- DEPRESSION
- ⊗ WELL HEAD
- ← DIRECTION OF FLOW
- bbl BARREL(S)

ACCESS ROAD



LA PLATA
RIVER 1/4 MILE





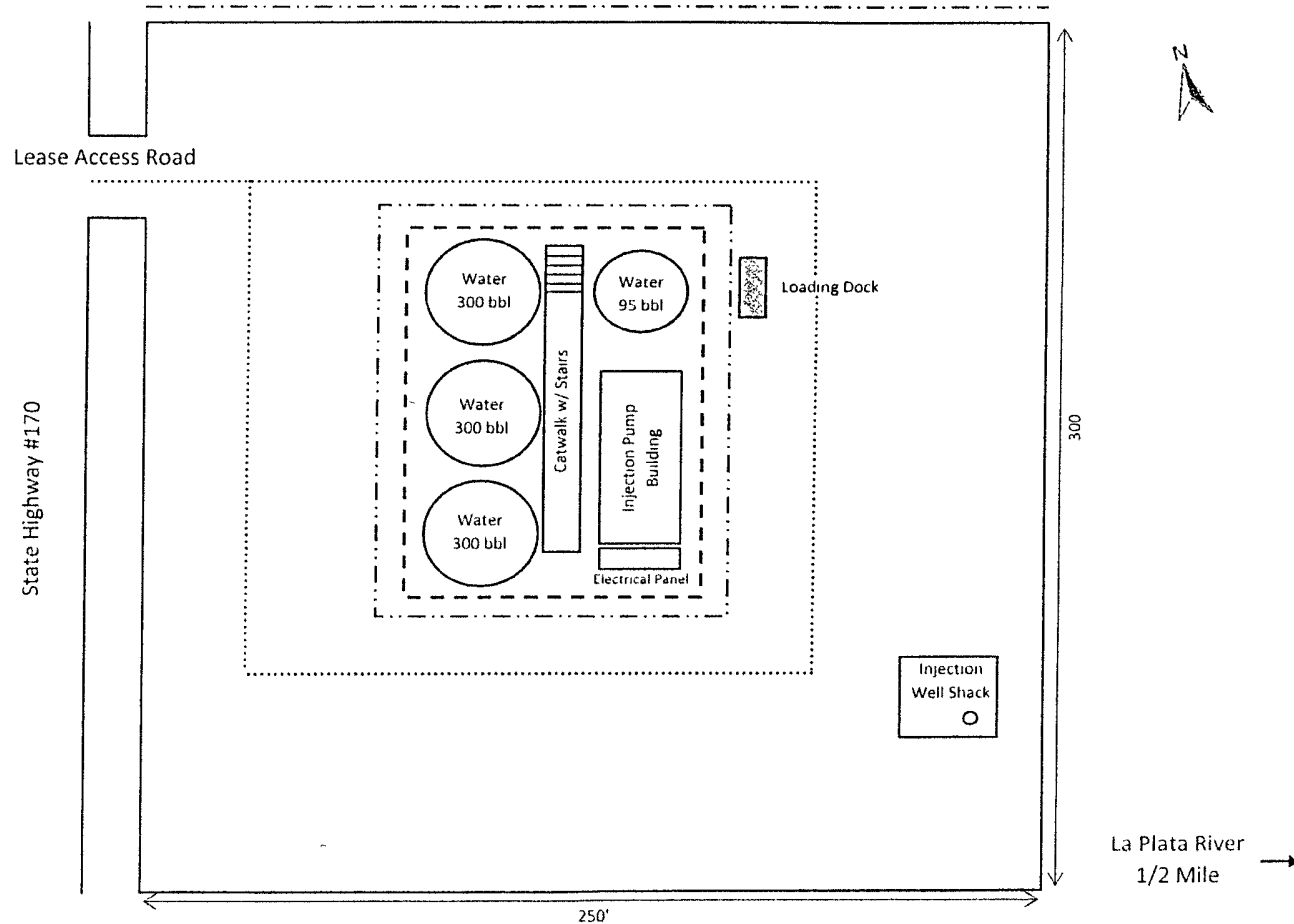
Rio Bravo 27-05 Proposed Injection Facility Plat

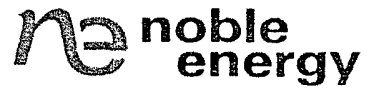
Scenario #1

- 1) 3 - 12'X15' 300 bbl water tanks
- 2) 1 - Underground 95 bbl water pit tank
- 3) 1 - 10'X30' building for pump
- 4) 1 - 30' catwalk w/ stairs
- 5) 1 - 6'X4' building for well
- 6) Lining placed within limits of burm

Legend

- Well Location
- - - Chainlink Fence
- - - - - Burm
- Road





Rio Bravo 27-05 Proposed Injection Facility Plat

Scenario #2

- 1) 3 - 12'X15' 300 bbl water tanks
- 2) 1 - Underground 95 bbl water pit tank
- 2) 1 - 10'X30' building for pump
- 3) 1 - 30' catwalk w/ stairs
- 4) 1 - 6'X4' building for well
- 6) Lining placed within limits of burm

Legend

- Well Location
- · · — Chainlink Fence
- - - - - Burm
- Road

