

EC

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM77046
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 DEVON ENERGY PRODUCTION CO L P		7. If Unit or CA Agreement, Name and No.
Contact: LINDA GUTHRIE E-Mail: linda.guthrie@dmn.com		8. Lease Name and Well No. NORTH PURE GOLD 9 FEDERAL 17
3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405.228.8209 Fx: 405.552.1319	9. API Well No. 30-015-33368
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSW 4416 FSL 85 FWL SECRETARY'S POTASH At proposed prod. zone 1265 FSL & 35 FWL per SN dated 2/21/04 & B Hunt		10. Field and Pool, or Exploratory LOS MEDANOS DELAWARE
14. Distance in miles and direction from nearest town or post office* 38 MILES WNW OF JAL NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec 9 T23S R31E Mer NMP SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease 1320.00	12. County or Parish EDDY
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 8200 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 3342 GL	22. Approximate date work will start 02/27/2004	17. Spacing Unit dedicated to this well 40.00
23. Estimated duration 25		20. BLM/BIA Bond No. on file

24. Attachments

CARLSBAD CONTROLLED WATER BASIN

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 (Electronic Submission)	Name (Printed/Typed) LINDA GUTHRIE	Date 01/27/2004
Title OPERATIONS ASSOCIATE		
Approved by (Signature) /s/ Linda S. C. Rundell	Name (Printed/Typed) /s/ Linda S. C. Rundell	Date MAR 25 2004
Title STATE DIRECTOR	Office NM STATE OFFICE	

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #27199 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad  
Committed to AFMSS for processing by ARMANDO LOPEZ on 01/27/2004 (04AL0040AE)

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS  
AND SPECIAL STIPULATIONS  
ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional Operator Remarks:**

Devon Energy proposes to drill to approximately 8200' to test the Delaware for commercial quantities of oil. If the Delaware is deemed non-commercial, the wellbore will be plugged and abandoned as per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

Please make note of the BOP design.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

EC

**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM77046
2. Name of Operator DEVON ENERGY PRODUCTION CO L P		6. If Indian, Allottee or Tribe Name
Contact: LINDA GUTHRIE E-Mail: linda.guthrie@devon.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405.228.8209 Fx: 405.552.1319	8. Well Name and No. NORTH PURE GOLD 9 FEDERAL 17
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T23S R31E NWSW 1415FSL 85FWL		9. API Well No.
		10. Field and Pool, or Exploratory LOS MEDANOS DELAWARE
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company LP requests approval to change the drilling location pursuant to a request from Barry Hunt due to high sand dunes at the previously submitted location.

Old Location: NWSW 1415 FSL 85 FWL  
New Location: SWSW 1265 FSL 35 FWL

14. Thereby certify that the foregoing is true and correct.	
Electronic Submission #27428 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad Committed to AFMSS for processing by ARMANDO LOPEZ on 02/02/2004 (04AL0074SE)	
Name (Printed/Typed) LINDA GUTHRIE	Title OPERATIONS ASSOCIATE
Signature (Electronic Submission)	Date 02/02/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By /s/ Linda S. C. Rundell	Title STATE DIRECTOR	MAR 25 2004
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 NM STATE OFFICE	

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 40297	Pool Name Los Medanos
Property Code	Property Name NORTH PURE GOLD "9" FEDERAL	Well Number 17
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3337'

Surface Location

UL or lot No. M	Section 9	Township 23 S	Range 31 E	Lot Idn	Feet from the 1265	North/South line SOUTH	Feet from the 35	East/West line WEST	County EDDY
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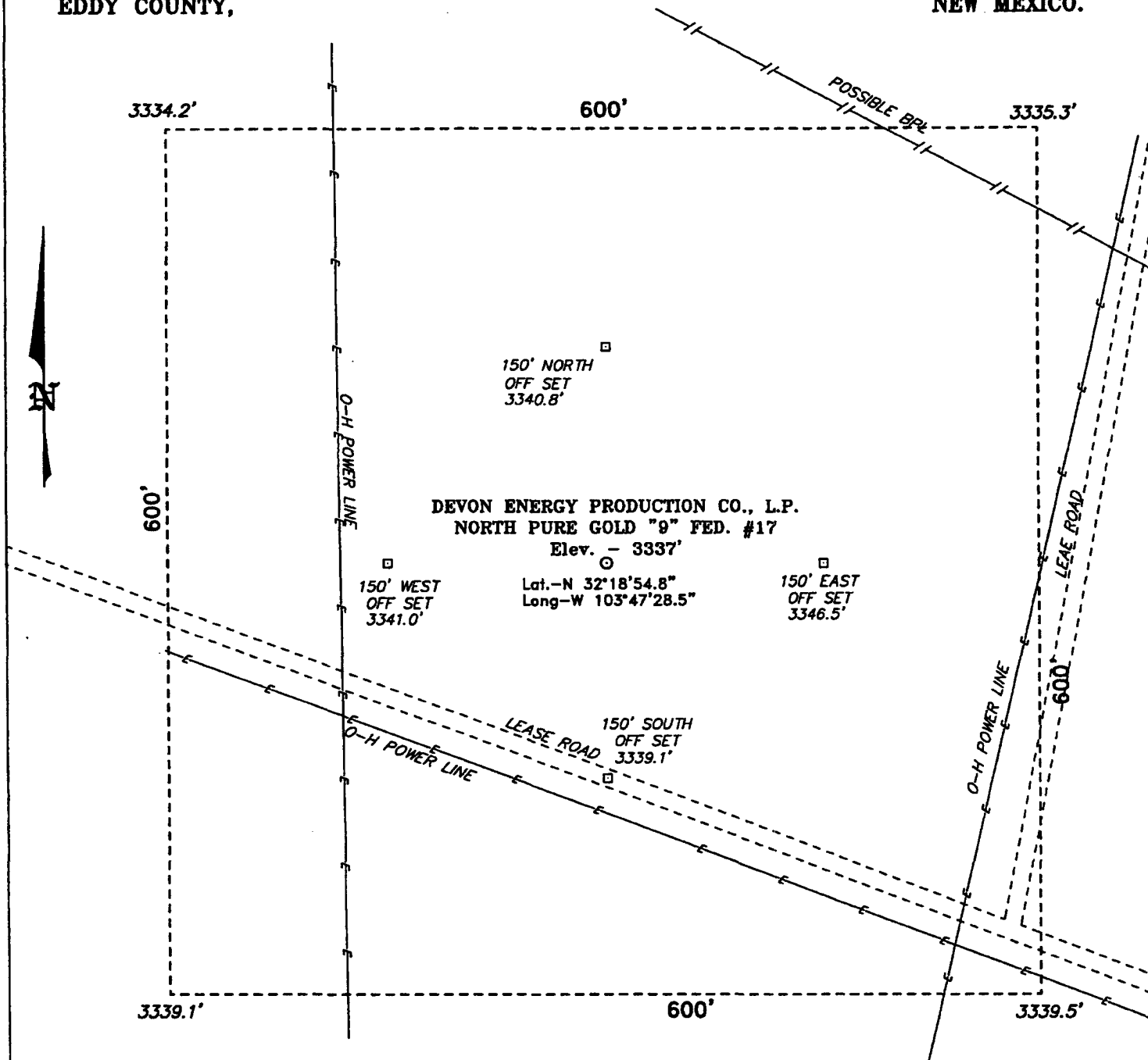
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

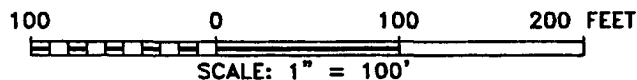
	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Linda B Guthrie</i> Signature</p> <p>Linda B Guthrie Printed Name</p> <p>Operations Associate Title</p> <p>02/02/04 Date</p> <p><b>SURVEYOR CERTIFICATION</b></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>JANUARY 28 2004 Date Surveyed</p> <p>GARY L JONES Signature &amp; Seal of Professional Surveyor</p> <p>7977 S.W.D. No. 3956</p> <p>Certified by Gary L Jones 7977</p> <p>BASIN SURVEYS</p>
--	---

SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



Directions to Location:

ON STATE HWY 128 GO 0.3 MILE PAST MM13 TO  
LEASE ROAD; THENCE NORTH ON LEASE ROAD FOR  
1.4 MILE; THENCE EAST FOR 0.2 MILE TO LOCATION.



**DEVON ENERGY PROD. CO., L.P.**

REF: NORTH PURE GOLD "9" FED. No. 17 / Well Pad Topo

THE NORTH PURE GOLD "9" FED. No. 17 LOCATED 1265' FROM  
THE SOUTH LINE AND 35' FROM THE WEST LINE OF  
SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 3958

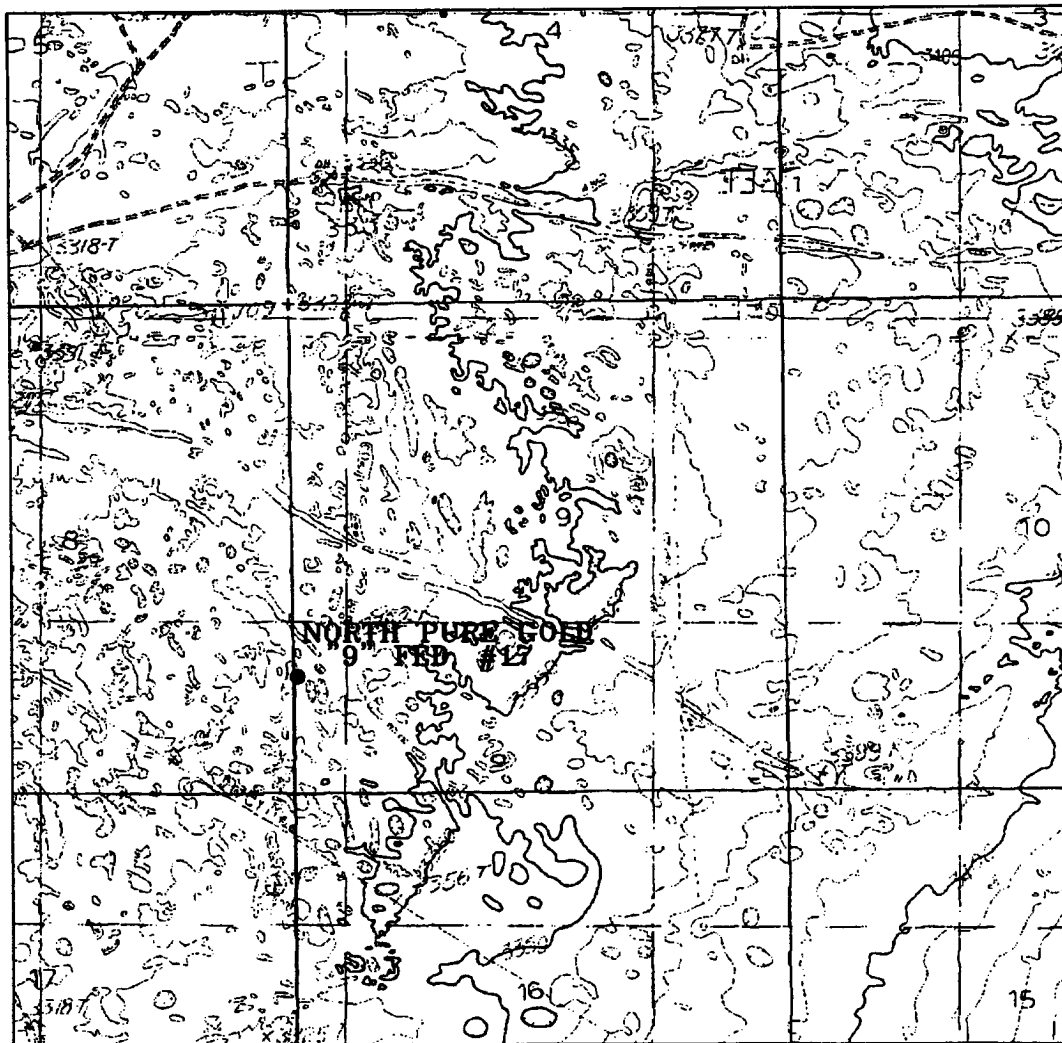
Drawn By: K. GOAD

Date: 01-29-2004

Disk: KJG CD#4 - 3958A.DWG

Survey Date: 01-28-2004

Sheet 1 of 1 Sheets



**NORTH PURE GOLD "9" FEDERAL #17**  
 Located at 1265' FSL and 35' FWL  
 Section 9, Township 23 South, Range 31 East.  
 N.M.P.M., Eddy County, New Mexico.



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in the oilfield

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

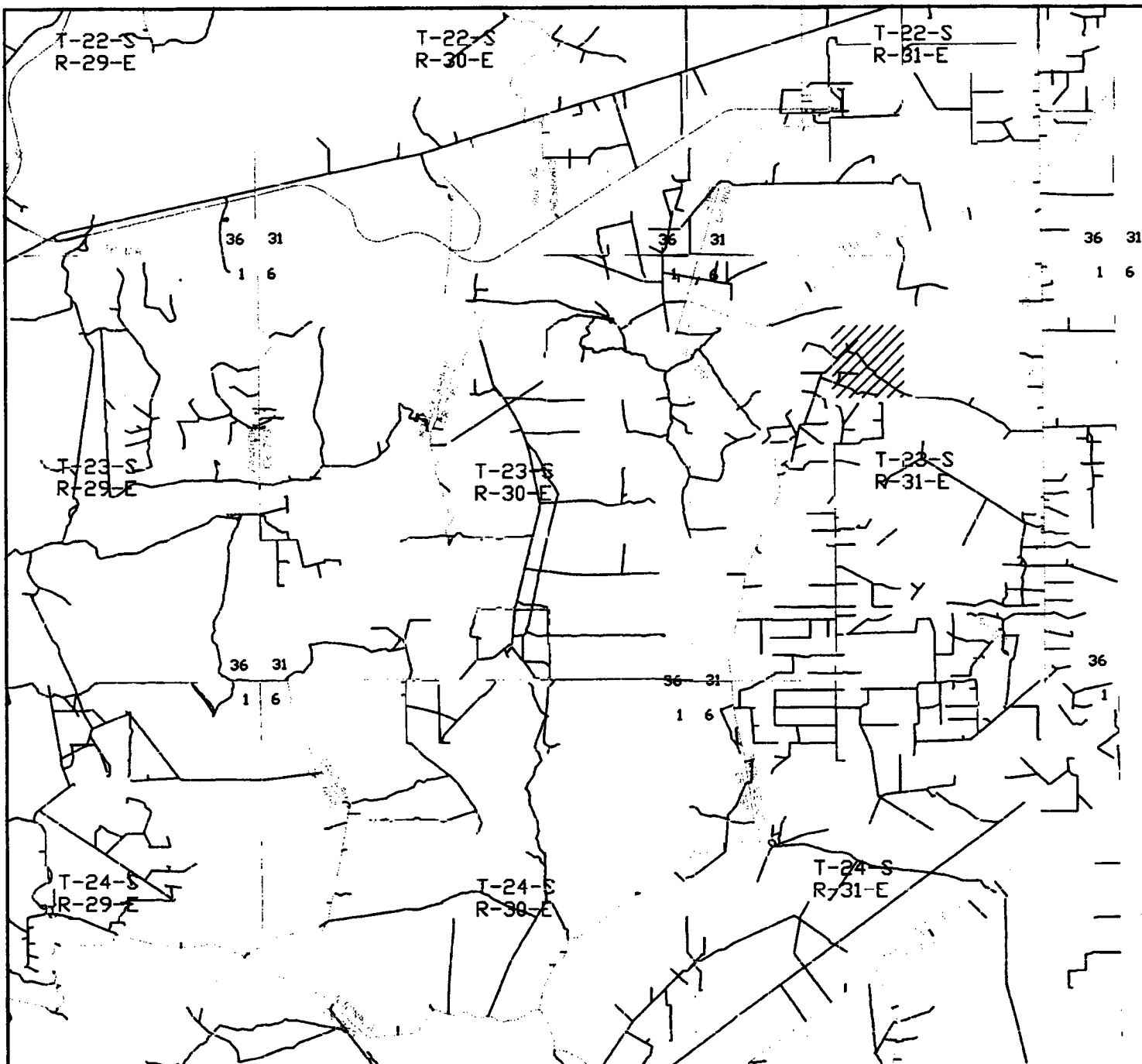
W.O. Number: 3958AA - KJG #1

Survey Date: 01-28-2004

Scale: 1" = 2000'

Date: 01-29-2004

**DEVON ENERGY  
 PRODUCTION  
 COMPANY LP.**



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W.O. Number: 3958AA - KJG #1

Survey Date: 01-28-2004

Scale: 1" = 2 miles

Date: 01-29-2004

**DEVON ENERGY**  
**PRODUCTION**  
**COMPANY LP.**

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Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Los Medanos 40297
Property Code	Property Name	Well Number
	NORTH PURE GOLD "9" FEDERAL	17
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY LP	3342'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	9	23 S	31 E		1415	SOUTH	85	WEST	EDDY

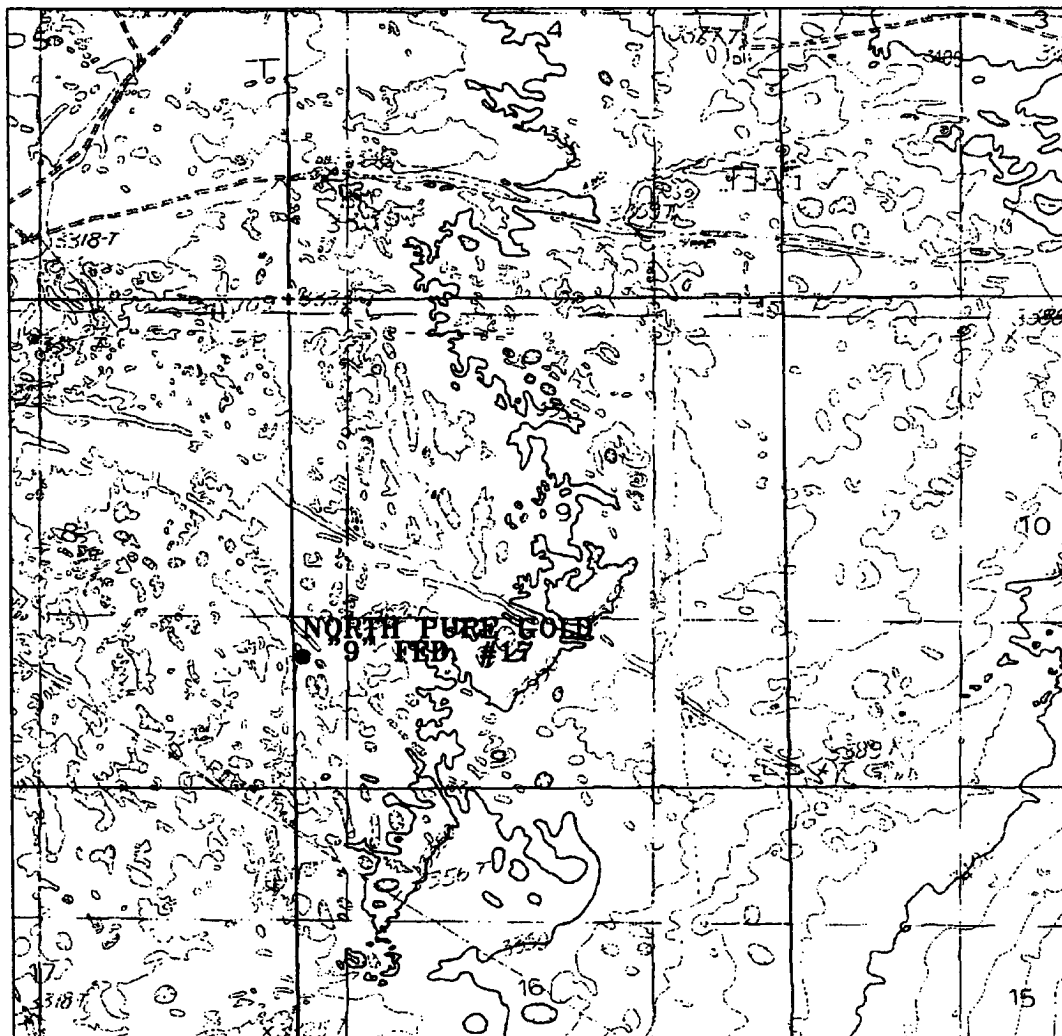
Bottom Hole Location If Different From Surface

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.						
40									

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature  Linda B Guthrie Printed Name  Operations Associate Title  01/26/04 Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  JANUARY 19 2004 Date Surveyed  Signature & Seal of Professional Surveyor  W.D. Jones Professional Surveyor Certificate No. 7977	
	BASIN SURVEYS	





**NORTH PURE GOLD "9" FEDERAL #17**  
 Located at 1415' FSL and 85' FWL  
 Section 9, Township 23 South, Range 31 East,  
 N.M.P.M., Eddy County, New Mexico.



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 Hobbs, New Mexico 88241  
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 basinsurveys.com

W.O. Number: 3922AA - KJG #1

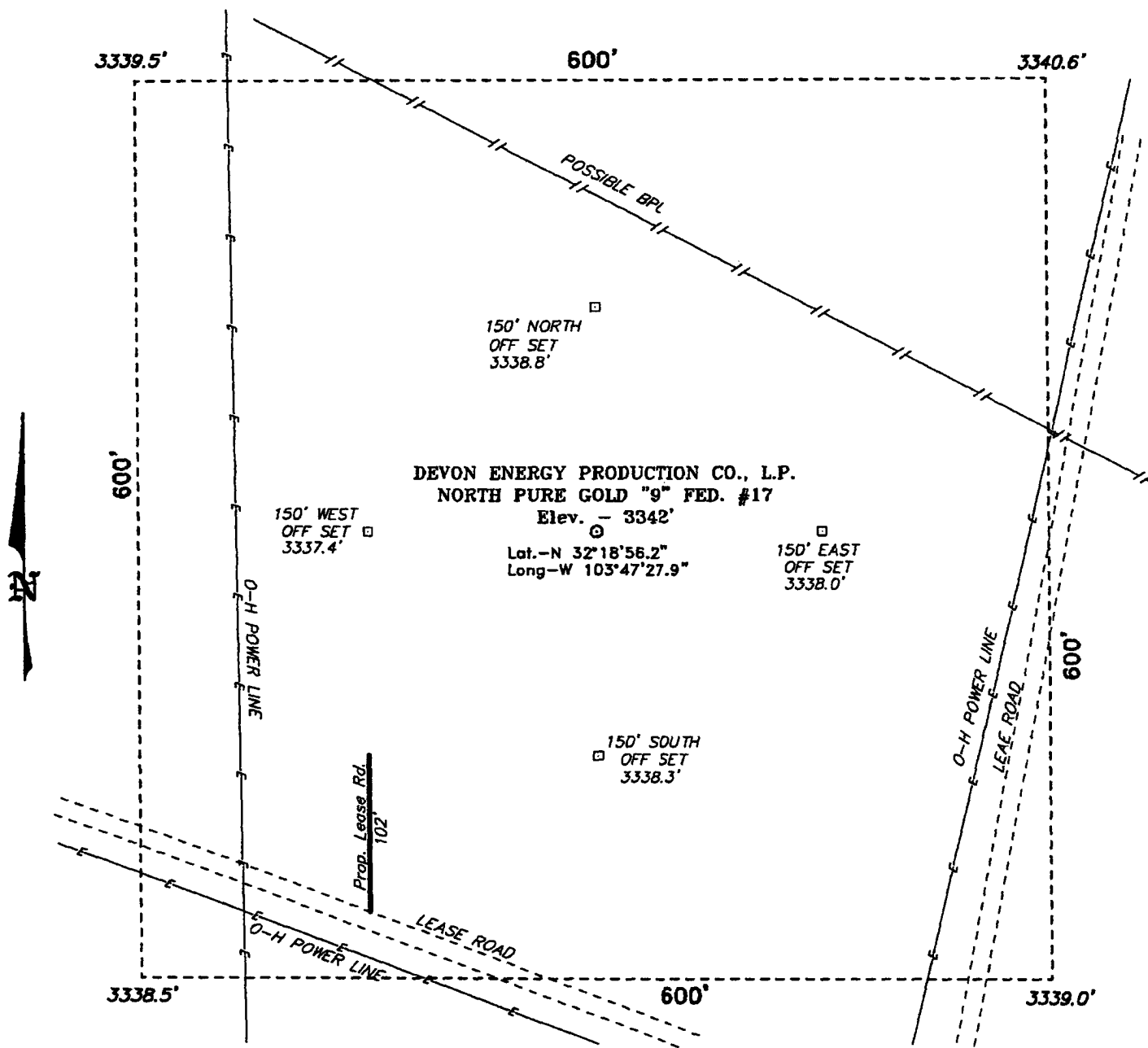
Survey Date: 01-19-2004

Scale: 1" = 2000'

Date: 01-21-2004

**DEVON ENERGY  
 PRODUCTION  
 COMPANY LP.**

SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



**DEVON ENERGY PROD. CO., L.P.**

REF: NORTH PURE GOLD "9" FED. No. 17 / Well Pad Topo

THE NORTH PURE GOLD "9" FED. No. 17 LOCATED 1415' FROM  
THE SOUTH LINE AND 85' FROM THE WEST LINE OF  
SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST,

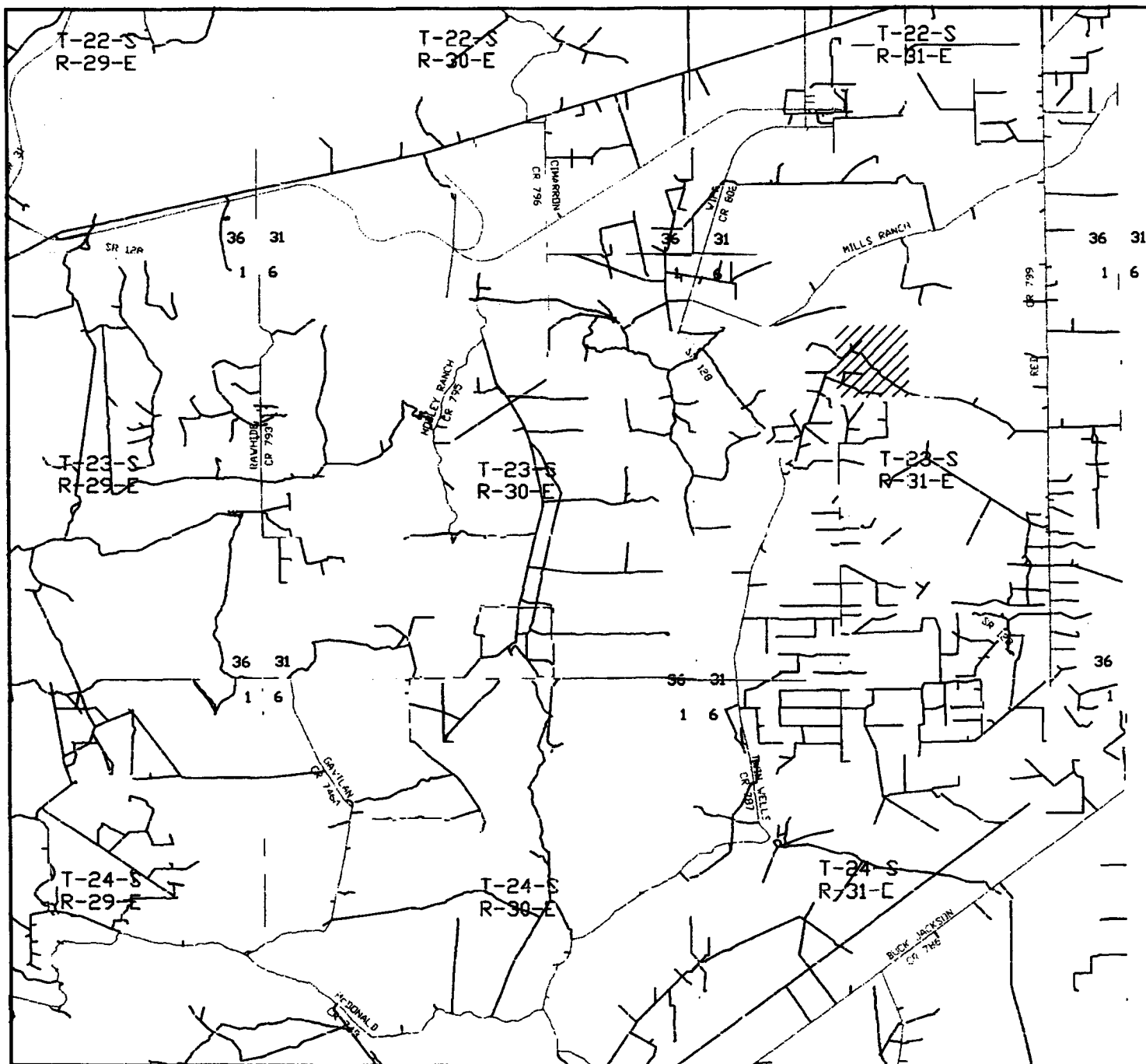
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 3922 Drawn By: **K. GOAD**

Date: 01-21-2004 Disk: KJG CD#4 - 3922A.DWG

Survey Date: 01-21-2004 Sheet 1 of 1 Sheets



**NORTH PURE GOLD "9" FEDERAL #17**  
 Located at 1415' FSL and 85' FWL  
 Section 9, Township 23 South, Range 31 East,  
 N.M.P.M., Eddy County, New Mexico.

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 (505) 392-3074 - Fax  
 basinsurveys.com

W.O. Number: 3922AA - KJG #1

Survey Date: 01-19-2004

Scale: 1" = 2 miles

Date: 01-21-2004

**DEVON ENERGY**  
**PRODUCTION**  
**COMPANY LP.**

## **DRILLING PROGRAM**

Devon Energy Production Company, LP

### **North Pure Gold 9 Federal 17**

Surface Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM

Bottom hole Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM

**1. Geologic Name of Surface Formation**

a. Alluvium

**2. Estimated tops of geological markers:**

a. Rustler	750'
b. Base of Salt	3880'
c. Delaware	4115'
d. Cherry Canyon	5020'
e. Brushy Canyon	6660'
f. Bone Spring	7960'
g. Total Depth	8200'

**3. Estimated Depths of Anticipated Fresh Water, Oil or Gas**

a. Delaware sand 4168' Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at 415' and circulating cement back to surface. Potash and salt will be protected by setting 8 5/8" casing at 4050' and circulating cement to surface. The Delaware intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement above the base of the 8 5/8" casing.

**4. Casing Program:**

<u>Hole Size</u>	<u>Interval</u>	<u>OD Csg</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
25"	0' - 40'	20"	NA	NA	Conductor
17 1/2"	0' - 415'	13 3/8"	48#	ST&C	H-40
11"	0' - 4050'	8 5/8"	32#	ST&C	J55
7 7/8"	0' - 8200'	5 1/2"	15.5# & 17#	LT&C	J55

**5. Cement Program:**

a. 20"	Conductor	Cement with ready-mix to surface.
b. 13 3/8"	Surface	Cement to surface with 500 sx Class C +2% CaCl <sub>2</sub>
c. 8 5/8"	Intermediate	Cement to surface with 850 sxs Class C lite + 2%+1/4"/sx celloflk (12.7#/gal) followed by 250 sx Class w/2%CaCl <sub>2</sub> + 1/4"/sx celloflk
d. 5 1/2"	Production	Cement with 475 sx Class H followed by 400 sx Class C neat

The above cement volumes could be revised pending the caliper measurement from the open hole logs. The top of cement is designed to reach approximately 500' above the 8 5/8" casing shoe.

**6. Pressure Control Equipment:**

The blowout preventor equipment (BOP) shown in Exhibit #1 will consist of a (3M system) double ram type (3000 psi WP) preventor and a bag-type (Hydril) preventor (3000 psi WP). Both units will be hydraulically operated and the ram type preventor will be equipped with blind rams on top and 4 1/2" drill pipe rams on bottom. The drilling head will be installed on the 13 3/8" surface casing and utilized continuously until total depth is reached. All BOP's and associated equipment will be tested to **1200 psi with the rig pump before drilling out the 13 3/8" casing shoe (70% of 48#, H-40 casing)**. Prior to drilling out the 8 5/8" casing shoe, the BOP's and Hydril will be tested as per BLM Drilling Operations Order #2.

Pipe rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily drillers log. A 2" kill line and 3" choke line will be incorporated in the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold having 3000 psi WP rating.

**7. Proposed Mud Circulation System**

<u>Depth</u>	<u>Mud Wt.</u>	<u>Visc</u>	<u>Fluid Loss</u>	<u>Type System</u>
0' - 415'	8.5	40	NC	Fresh Water
415' - 4050'	10.0	28	NC	Brine Water
4050' - TD	8.5 - 8.9	30 - 32	NC	Cut Brine

The necessary mud products for weight addition and fluid loss control will be on location at all times.

**8. Auxiliary Well Control and Monitoring Equipment:**

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- c. Hydrogen Sulfide detection equipment will be in operation after drilling out the 13 3/8" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 13 3/8" shoe until total depth is reached.

**9. Logging, Coring, and Testing Program:**

- a. Drill stem tests will be based on geological sample shows.
- b. The open hole electrical logging program will be:
  - i. Total Depth to Intermediate Casing      Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron - Z Density log with Gamma Ray and Caliper.
  - ii. Total Depth to Surface      Compensated Neutron with Gamma Ray
  - iii. No coring program is planned
  - iv. Additional testing will be initiated subsequent to setting the 5 1/2" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

**10. Potential Hazards:**

- a. No abnormal pressures or temperatures are expected. There is no known presence of H<sub>2</sub>S in this area. If H<sub>2</sub>S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 3500 psi and Estimated BHT 135°. See attached gas analysis for the North Pure Gold 8 Federal 11 and North Pure Gold 9 Federal 7.

**11. Anticipated Starting Date and Duration of Operations:**

- a. Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 32 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.

**SURFACE USE PLAN**  
Devon Energy Production Company, LP  
**North Pure Gold 9 Federal 17**

Surface Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM  
Bottom hole Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM

**1. Existing Roads:**

- a. The well site and elevation plat for the proposed well are reflected on Exhibit 2. The well was staked by Basin Surveys.
- b. All roads into the location are depicted on Exhibit 3.
- c. Directions to Location: From the junction of State Hwy 128 and County Rd. 799, go north on County Rd. 799 for approximately 3.5 miles to a lease road; then west and northwesterly for approximately 3.0 miles, then southwesterly for approximately 0.5 miles; then southeast for approximately 0.3 miles to the proposed well pad.

**2. Access Road**

- a. Exhibit #3 shows the existing lease road. Approximately 102' of new access road will be constructed as follows:
- b. The maximum width of the road will be 15'. It will be crowned and made of 6" of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
- c. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location. The average grade will be approximately 1%.
- d. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

**3. Proposed Facilities**

- a. In the event the well is found productive, the North Pure Gold 9 tank battery would be utilized and the necessary production equipment will be installed at the well site.
- b. If necessary, the well will be operated by means of an electric prime mover. Electric power poles will be set along side of the access road.
- c. All flow lines will adhere to API standards.
- d. If the well is productive, rehabilitation plans are as follows:
  - i. The reserve pit will be back-filled after the contents of the pit are dry (within 120 days after completion, weather permitting).
  - ii. The original topsoil from the well site will be returned to the location. The drill site will then be contoured as close as possible to the original state.

**4. Methods of Handling Waste Material:**

- a. Drill cuttings will be disposed of in the reserve pits.
- b. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary landfill.
- c. The supplier, including broken sacks, will pick up salts remaining after completion of well.
- d. Wastewater from living quarters will be drained into hole with a minimum of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-john will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

- e. Remaining drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry enough to be broken out for further drying. If the drilling fluids do not evaporate in a reasonable time they will be hauled off by transports to a state approved disposal site. Later pits will be broken out to speed dry. Water produced during completion will be put in reserve pits. Oil and condensate produced will be put in a storage tank and sold.

**5. Well Site Layout**

- a. Exhibit D Shows the proposed well site layout.
- b. This exhibit indicated proposed location of reserve and sump pits and living facilities.
- c. Mud pits in the active circulating system will be steel pits & the reserve pit is proposed to be unlined unless subsurface conditions encountered during pit construction indicate that lining is needed for lateral containment of fluids.
- d. If needed, the reserve pit is to be lined with polyethylene. The pit liner will be 6 mils thick. Pit liner will extend a minimum 2'00" over the reserve pits dikes where the liner will be anchored down.
- e. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

**6. Other Information:**

- a. The area surrounding the well site is grassland. The topsoil is very sandy in nature. The vegetation is moderately sparse with native prairie grass, some mesquite bushes and shinnery oak. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.
- b. The surface is owned by the US Government and is administered by the Bureau of Land Management. The surface is of limited use except for the grazing of livestock and the production of oil and gas.
- c. A Cultural Resources Examination will be completed by Southern New Mexico Archaeological Services, Inc. and forwarded to the BLM office in Carlsbad, New Mexico.
- d. There are no dwellings within 2 miles of location.

**Operators Representative:**

The Devon Energy Production Company, L.P. representatives responsible for ensuring compliance of the surface use plan are listed below.

James Blount  
Operations Engineer Advisor

Don Mayberry  
Superintendent

Devon Energy Production Company, L.P.  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260

Devon Energy Production Company, L.P.  
Post Office Box 250  
Artesia, NM 88211-0250

(405) 228-4301 (office)  
(405) 834-9207 (Cellular)

(505) 748-3371 (office)  
(505) 746-4945 (home)



Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Devon Energy Production Company, L.P. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Signed: \_\_\_\_\_



Linda Guthrie

Operations Associate

Date: January 26, 2004

Attachment to Exhibit #1  
NOTES REGARDING BLOWOUT PREVENTERS  
Devon Energy Production Company, LP  
**North Pure Gold 9 Federal 17**

Surface Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM  
Bottom hole Location: 1415' FSL & 85' FWL, Unit L, Sec 9 T23S R31E, Eddy, NM

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a kelly cock attached to the kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

UNITED STATES DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201-1287

Statement Accepting Responsibility for Operations

Operator Name: **Devon Energy Production Company, LP**  
Street or Box: **20 North Broadway, Suite 1500**  
City, State: **Oklahoma City, Oklahoma**  
Zip Code: **73102-8260**

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described below.

Lease No.: **NMNM77046**


Legal Description of Land: **40 acres 9-T23S-R31E**

Formation(s): **Delaware**

Bond Coverage: **Nationwide**

BLM Bond File No.: **CO-1104**

Authorized Signature:

  
**Linda Guthrie**

Title: **Operations Associate**

Date: **01/26/04**

# MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

3 MWPP

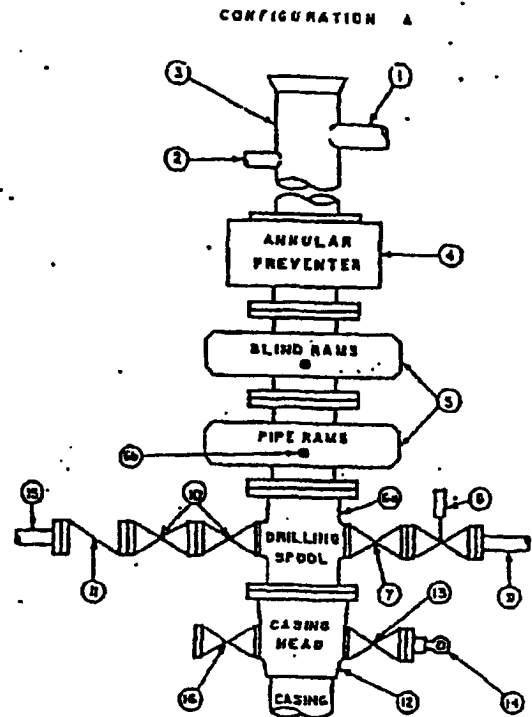
EXHIBIT # 1

## STACK REQUIREMENTS

No.	Item	Min. I.D.	Min. Nominal
1	Flowline		
2	Fill up line		2"
3	Drilling nipple		
4	Annular preventer		
5	Two single or one dual hydraulically operated rams		
6a	Drilling spool with 2" min. kill line and 3" min choke line outlets		
6b	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above.)		
7	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/>	3-1/8"	
8	Gate valve—power operated	3-1/8"	
9	Line to choke manifold		3"
10	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/>	2-1/16"	
11	Check valve	2-1/16"	
12	Casing head		
13	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/>	1-13/16"	
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump manifold		2"

## OPTIONAL

16	Flanged valve	1-13/16"	
----	---------------	----------	--



## CONTRACTOR'S OPTION TO FURNISH:

1. All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psi, minimum.
2. Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
3. BOP controls, to be located near drillers position.
4. Kelly equipped with Kelly cock.
5. Inside blowout preventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
6. Kelly saver/sub equipped with rubber casing protector at all times.
7. Plug type blowout preventer tester.
8. Extra set pipe rams to fit drill pipe in use on location at all times.
9. Type RX ring gaskets in place of Type R.

## MEC TO FURNISH:

1. Bradenhead or casinghead and side valves.
2. Wear bushing, if required.

## GENERAL NOTES:

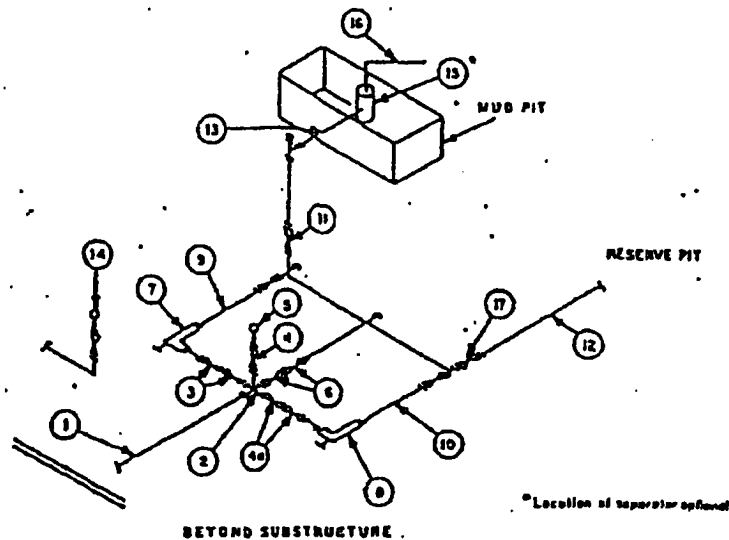
1. Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
2. All connections, valves, fittings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through choke. Valves must be full opening and suitable for high pressure mud service.
3. Controls to be of standard design and each marked, showing opening and closing position.
4. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
5. All valves to be equipped with handwheels or handles ready for immediate use.
6. Choke lines must be suitably anchored.

7. Handwheels and extensions to be connected and ready for use.
8. Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
9. All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
10. Casinghead connections shall not be used except in case of emergency.
11. Do not use kill line for routine BOP-up operations.

**MINIMUM CHOKES MANIFOLD**  
3,000, 5,000 and 10,000 PSI Working Pressure

3 MWP - 5 MWP - 10 MWP

EXHIBIT # 1



MINIMUM REQUIREMENTS										
No.		3,000 MWP			5,000 MWP			10,000 MWP		
		I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING
1	Line from drilling spool		3"	3,000		3"	5,000		3"	10,000
2	Cross 3"x3"x3"x2"			3,000			5,000			
	Cross 3"x3"x3"x3"									10,000
3	Valves (1) Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
4	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	1-13/16"		3,000	1-13/16"		5,000	1-13/16"		10,000
4a	Valves (1)	2-1/16"		3,000	2-1/16"		5,000	3-1/8"		10,000
5	Pressure Gauge			3,000			5,000			10,000
6	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
7	Adjustable Choke (3)	2"		3,000	2"		5,000	2"		10,000
8	Adjustable Choke	1"		3,000	1"		5,000	2"		10,000
9	Line		3"	3,000		3"	5,000		3"	10,000
10	Line		2"	3,000		2"	5,000		3"	10,000
11	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
12	Lines		3"	1,000		3"	1,000		3"	2,000
13	Lines		3"	1,000		3"	1,000		3"	2,000
14	Remote reading compound standpipe pressure gauge			3,000			5,000			10,000
15	Gas Separator		2'x5'			2'x5'			2'x5'	
16	Line		4"	1,000		4"	1,000		4"	2,000
17	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000

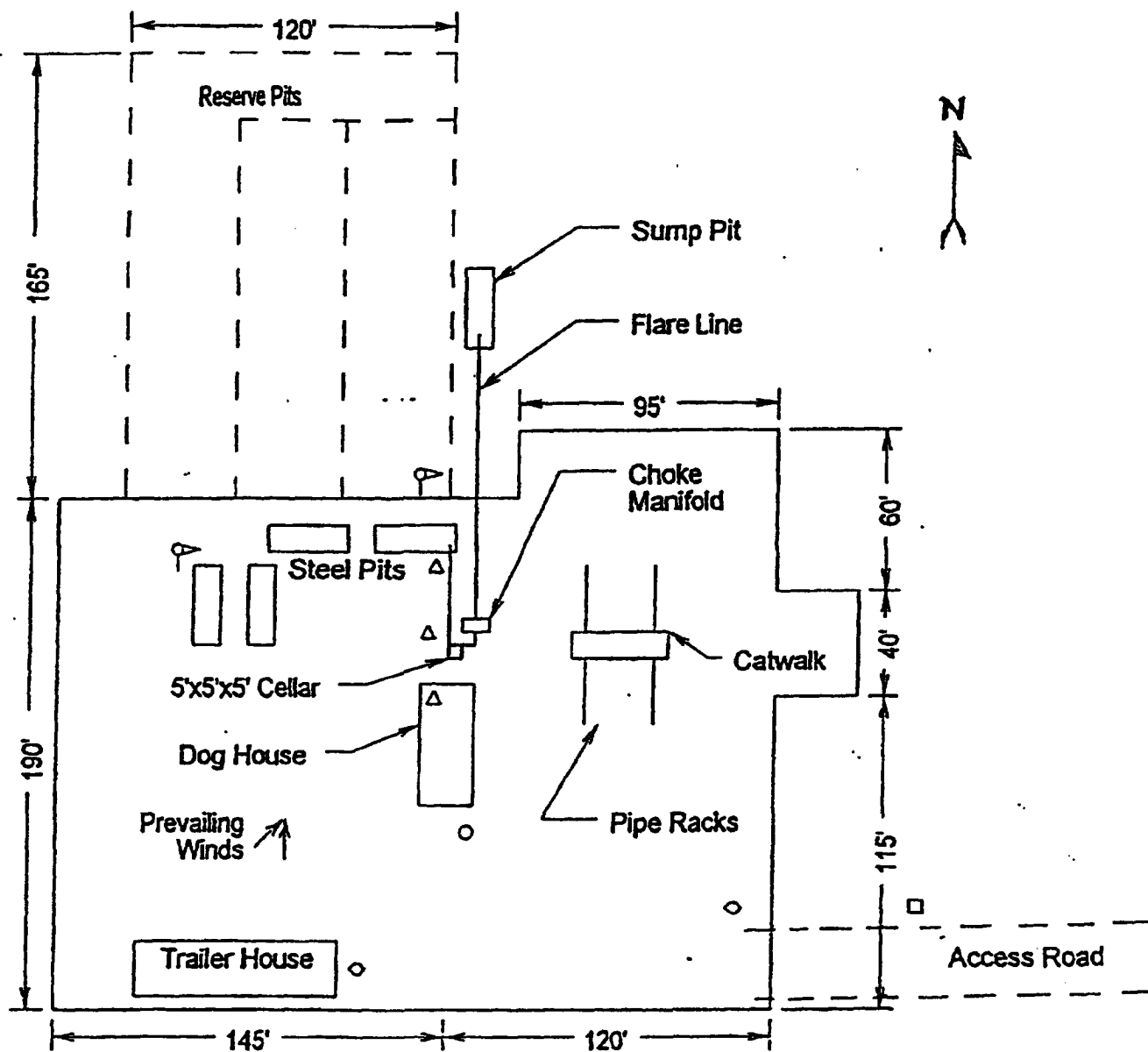
(1) Only one required in Class 3M.

(2) Gate valves only shall be used for Class 10M.

(3) Remote operated hydraulic choke required on 3,000 psi and 10,000 psi for drilling.

**EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS**

1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
3. All lines shall be securely anchored.
4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.
7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.



- Wind Direction Indicators  
(wind sock or streamers)
- △ H2S Monitors  
(alarms at bell nipple and shale shaker)
- Briefing Areas
- Remote BOP Closing Unit
- Sign and Condition Flags

EXHIBIT "D"  
RIG LAYOUT PLAT.  
Devon Energy Production Co. LI

## **HYDROGEN SULFIDE DRILLING OPERATIONS PLAN**

1. All Company and Contract personnel admitted on location must be trained by a qualified H2S safety instructor to the following:
  - a. Characteristics of H2S
  - b. Physical effects and hazards
  - c. Proper use of safety equipment and life support systems.
  - d. Principle and operation of H2S detectors, warning system and briefing areas
  - e. Evacuation procedures, routes and first aid.
  - f. Proper use of 30-minute pressure demand air pack.
2. H2S Detection and Alarm System
  - a. H2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.
3. Windsock and/or wind streamers
  - a. Windsock at mud pit area should be high enough to be visible
  - b. Windsock at briefing area should be high enough to be visible
  - c. There should be a windsock at entrance to location
4. Condition Flags and Signs
  - a. Warning Sign on access road to location
  - b. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H2S present in dangerous concentration. Only emergency personnel admitted to location.
5. Well Control Equipment
  - a. See Exhibit "E" & "E-1"
6. Communication
  - a. While working under masks chalkboards will be used for communication.
  - b. Hand signals will be used where chalk board is inappropriate
  - c. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephones will be available at most drilling foreman's trailer or living quarters.
7. Drill stem Testing
  - a. Exhausts will be watered
  - b. Flare line will be equipped with an electric igniter or a propane pilot light in case gas reaches the surface.
  - c. If the location is near to a dwelling a closed DST will be performed.
8. Drilling contractor supervisor will be required to be familiar with the effects H2S has on tubular goods and other mechanical equipment.

If H2S is encountered, mud system will be altered if necessary to maintain control or formation. A mud gas separator will be brought into service along with H2S scavengers if necessary.



# Water Analysis

Date: 02-Jun-03

2708 West County Road, Hobbs NM 88240  
Phone (505) 392-5556 Fax (505) 392-7307

## Analyzed For

Company	Well Name	County	State
Devon	Pure Gold 9-7	Lea	New Mexico

Sample Source	Swab Sample	Sample #	
		1	
Formation		Depth	
Specific Gravity	1.208	SG @ 60 °F	1.207
pH	7.88	Sulfides	Absent
Temperature (°F)	71	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	74,640	in PPM	61,829
Calcium	in Mg/L	36,000	in PPM	29,821
Magnesium	in Mg/L	720	in PPM	596
Soluble Iron (FE2)	in Mg/L	25.0	in PPM	21

## Anions

Chlorides	in Mg/L	180,000	in PPM	149,105
Sulfates	in Mg/L	200	in PPM	166
Bicarbonates	in Mg/L	171	in PPM	141
Total Hardness (as CaCO3)	in Mg/L	110,000	in PPM	91,120
Total Dissolved Solids (Calc)	in Mg/L	291,758	in PPM	241,680
Equivalent NaCl Concentration	in Mg/L	240,578	in PPM	199,286

## Scaling Tendencies

\*Calcium Carbonate Index 6,148,800  
Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

\*Calcium Sulfate (Gyp) Index 7,200,000  
Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

\*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks rwc.08@71f

Report # 1289





# Water Analysis

Date: 02-Jun-03

2708 West County Road, Hobbs NM 88240  
Phone (505) 392-5536 Fax (505) 392-7307

## Analyzed For

Company	Well Name	County	State
Devon	Pure Gold 8-11	Lea	New Mexico

Sample Source	Swab Sample	Sample #	
		1	
Formation	Depth		
Specific Gravity	1.195	SG @ 60 °F	1.197
pH	7.37	Sulfides	Absent
Temperature (°F)	71	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	70,031	in PPM	58,486
Calcium	in Mg/L	39,600	in PPM	33,077
Magnesium	in Mg/L	960	in PPM	802
Soluble Iron (FE2)	in Mg/L	25.0	in PPM	21

## Anions

Chlorides	in Mg/L	180,000	in PPM	150,351
Sulfates	in Mg/L	200	in PPM	167
Bicarbonates	in Mg/L	146	in PPM	122
Total Hardness (as CaCO3)	in Mg/L	103,000	in PPM	85,034
Total Dissolved Solids (Calc)	in Mg/L	290,962	in PPM	243,036
Equivalent NaCl Concentration	in Mg/L	241,990	in PPM	202,130

## Scaling Tendencies

\*Calcium Carbonate Index 5,797,440  
Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

\*Calcium Sulfate (Gyp) Index 7,920,000  
Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

\*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks rwa.08@711

Report # 1288



Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260

Richard Winchester  
Land Advisor

Phone: (405) 228-4415  
Fax: (405) 552-8113

January 27, 2004

Michael E. Stogner  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RECEIVED

FFR 0 2 2004

OCD-ARTESIA

**Re: Application for Approval of Non-Standard Location  
North Pure Gold "9" Federal #17  
1,415' FSL & 85' FWL of Section 9  
Township 23 South, Range 31 East  
Eddy County, New Mexico**

Mr. Stogner:

Pursuant to Division Rule 104.F(2), Devon Energy Production Company, L.P., hereby applies for administrative approval of the unorthodox well location referenced above. Devon is requesting approval of this non-standard location in order to test a 20-acre infill for the Delaware formation. It is Devon's opinion that this well may capture reserves that are not recoverable from the offsetting wells. Devon is the operator and owns 100% of the working interest in Section 9 and the E/2 of Section 8. Section 9 and the E/2 of Section 8 are covered by lease no. NM NM-77046, issued by the BLM.

Please call me at (405) 228-4415 should you have any questions or need additional information regarding this application.

Sincerely,

Richard C. Winchester  
Land Advisor

Cc: Bureau of Land Management – Roswell  
Oil Conservation Division - Artesia

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
---------	----------	----------	-----------	------	---------

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
**- Engineering Bureau -**  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS  
 WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**
- [A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_

**RECEIVED**  
 FFR 02 2004  
 OCD-ARTESIA

- [2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ~~X~~ Does Not Apply**
- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☒ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Richard C. Winchester		Land Advisor	1/27/04
Print or Type Name	Signature	Title	Date
		richard.winchester@dvn.com	
		e-mail Address	

DISTRICT I  
1623 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Los Medanos 40297
Property Code	Property Name	Well Number
	NORTH PURE GOLD "9" FEDERAL	17
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY LP	3342'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	9	23 S	31 E		1415	SOUTH	85	WEST	EDDY

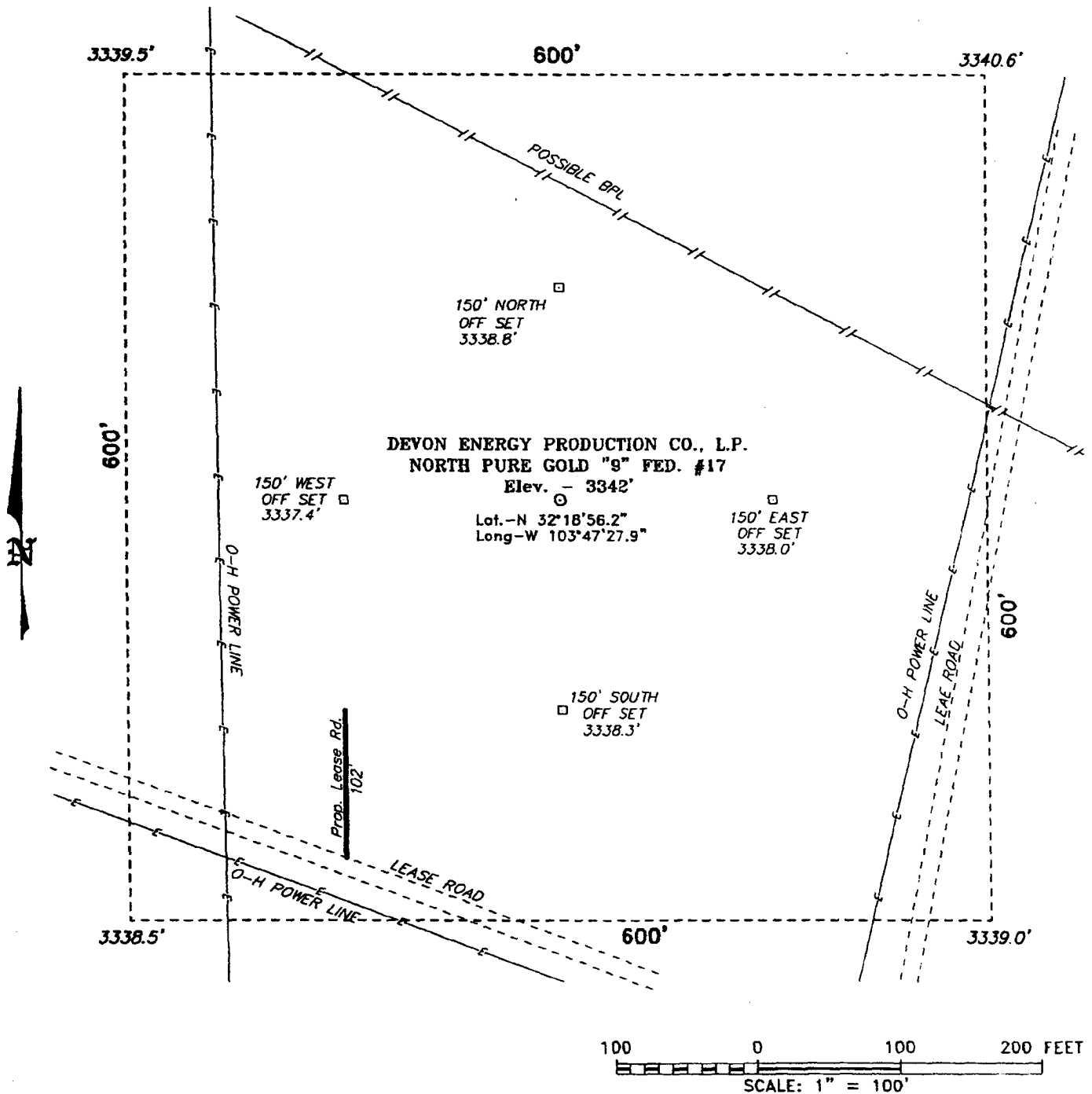
Bottom Hole Location If Different From Surface

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.						
40									

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>RECEIVED</p> <p>FEB 02 2004</p> <p>OCD-ARTESIA</p>	<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></p> <p>Signature</p> <p>Linda B Guthrie</p> <p>Printed Name</p> <p>Operations Associate</p> <p>Title</p> <p>01/26/04</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>JANUARY 19 2004</p> <p>Date Surveyed</p> <p></p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>7977</p> <p>W.D. No. 3922</p> <p>Certificate No. Gary E. Jones 7977</p> <p>BASIN SURVEYS</p>
--	---	---

**SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.**



**DEVON ENERGY PROD. CO., L.P.**

REF: NORTH PURE GOLD "9" FED. No. 17 / Well Pad Topo

THE NORTH PURE GOLD "9" FED. No. 17 LOCATED 1415' FROM  
THE SOUTH LINE AND 85' FROM THE WEST LINE OF  
SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 3922

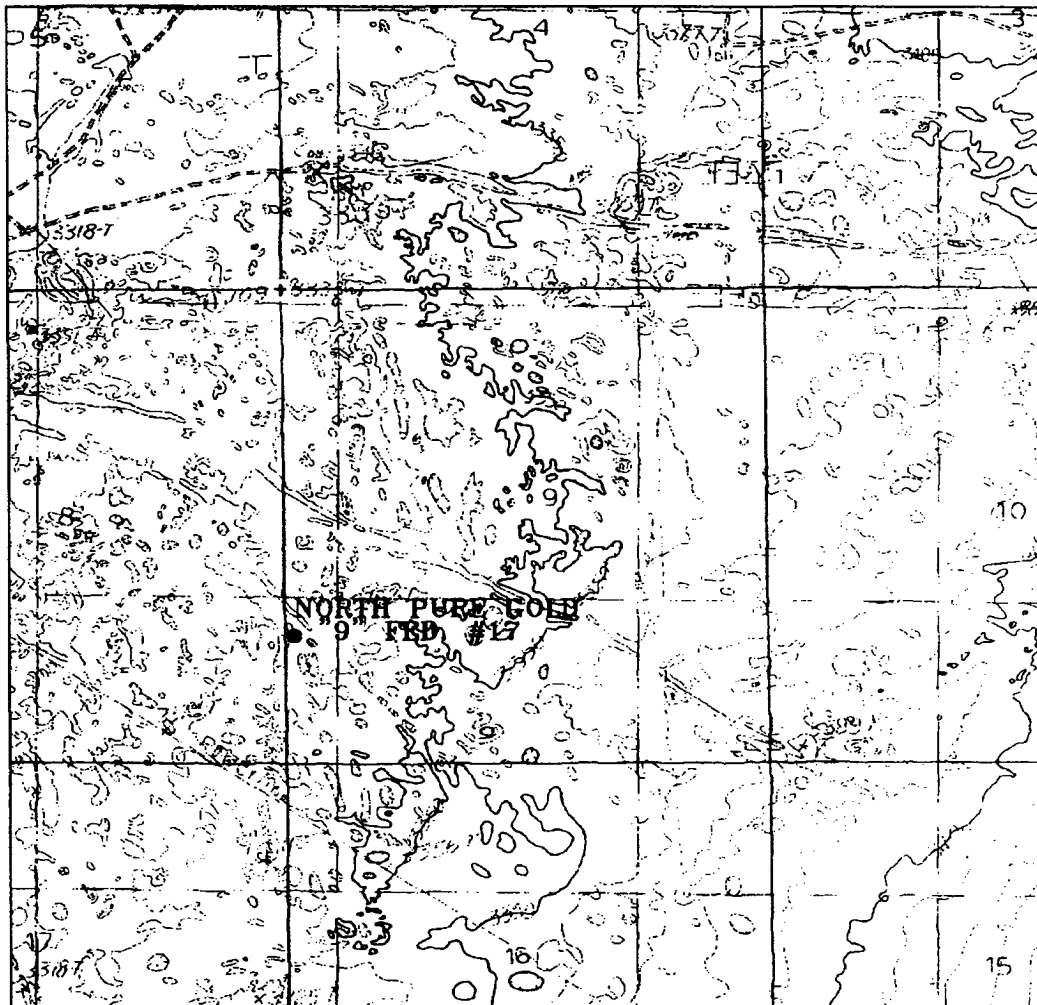
Drawn By: K. GOAD

Date: 01-21-2004

Disk: KJG CD#4 - 3922A.DWG

Survey Date: 01-21-2004

Sheet 1 of 1 Sheets



# **NORTH PURE GOLD "9" FEDERAL #17**

Located at 1415' FSL and 85' FWL

Section 9, Township 23 South, Range 31 East.

N.M.P.M., Eddy County, New Mexico.



focused on excellence  
in the oilfield

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

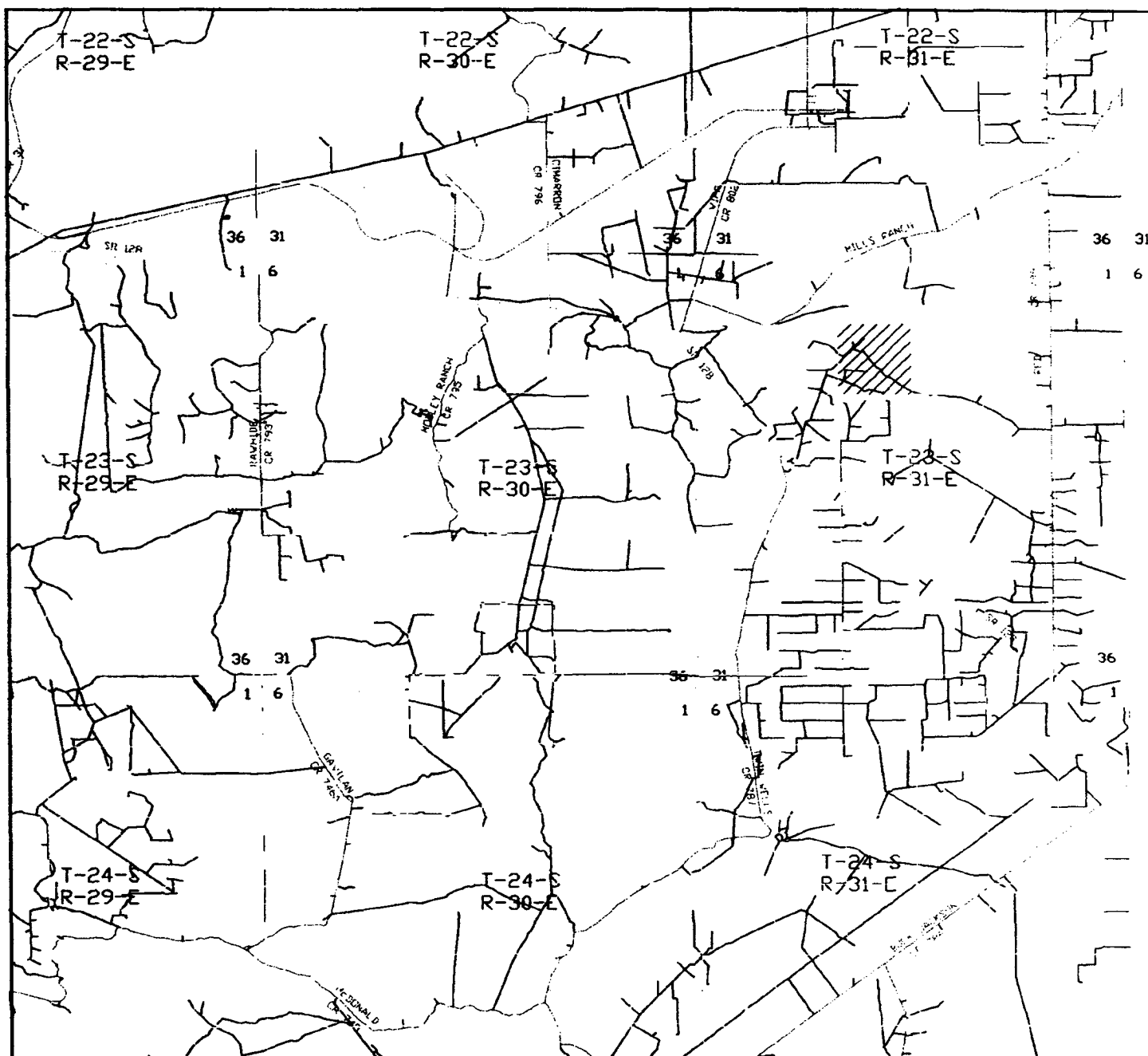
W.O. Number: 3922AA - KJG #1

Survey Date: 01-19-2004

Scale: 1" = 2000'

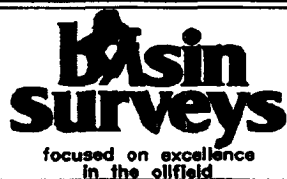
Date: 01-21-2004

**DEVON ENERGY  
PRODUCTION  
COMPANY LP.**



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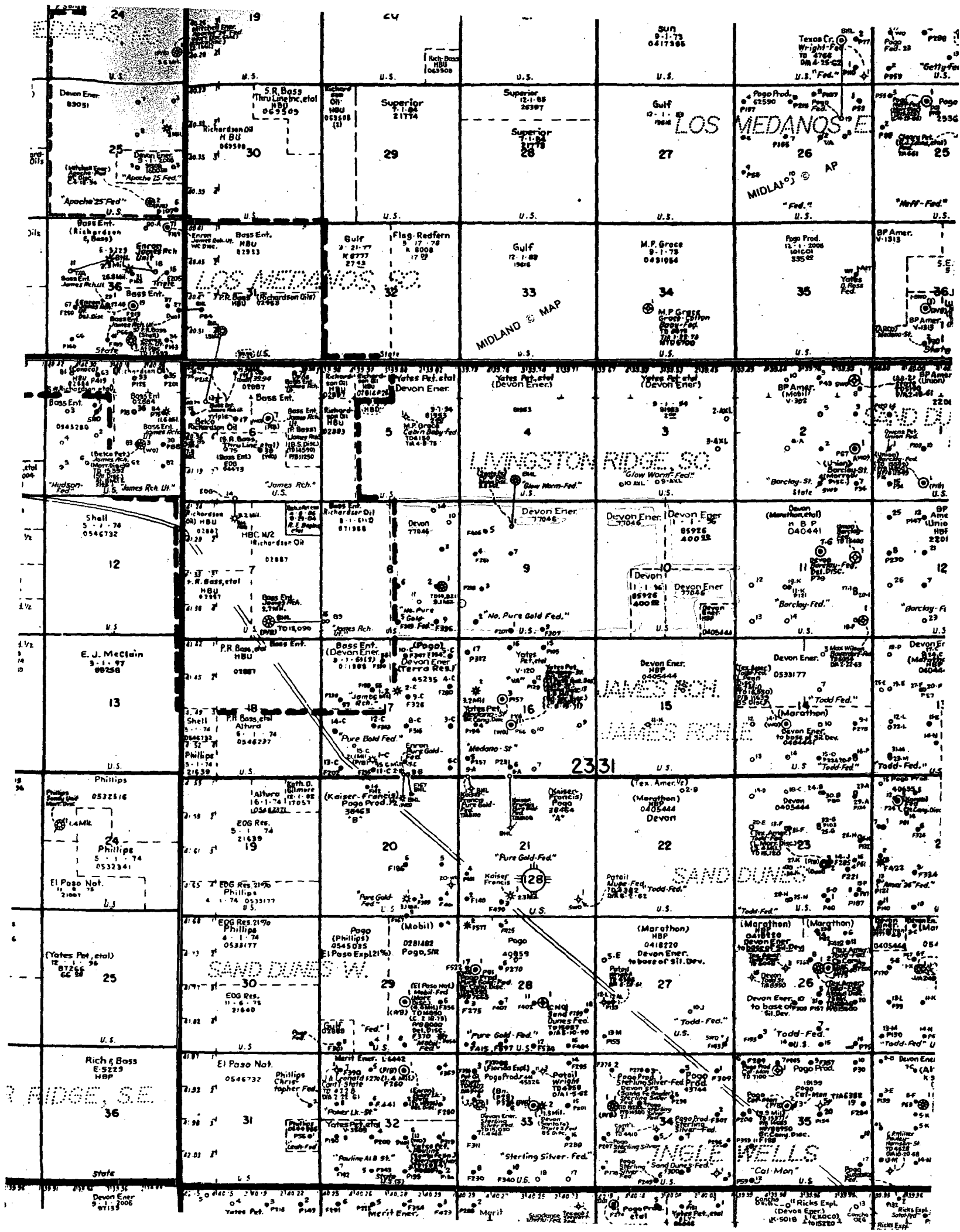
W.O. Number: 3922AA - KJG #1

Survey Date: 01-19-2004

Scale: 1" = 2 miles

**Date:** 01-21-2004

**DEVON ENERGY  
PRODUCTION  
COMPANY LP.**







Richard Winchester  
Land Advisor

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260

Phone: (405) 228-4415  
Fax: (405) 552-8113

February 3, 2004

Michael E. Stogner  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RECEIVED  
FEB 06 2004  
OCD-ARTESIA

**Re: Application for Approval of Non-Standard Location (Amended)**  
**North Pure Gold "9" Federal #17**  
**1,265' FSL & 35' FWL of Section 9**  
**Township 23 South, Range 31 East**  
**Eddy County, New Mexico**

Mr. Stogner:

By letter dated January 27, 2004, Devon requested administrative approval of a non-standard location for the referenced well, being 1,415' FSL & 85' FWL of Section 9, T23S-R31E. After reviewing this location, the BLM advised Devon to move the location south to a point approximately 1,265' FSL & 35' FWL of Section 9, T23S-R31E. Therefore, Pursuant to Division Rule 104.F(2), Devon Energy Production Company, L.P., hereby applies for administrative approval of the unorthodox well location referenced above. Devon is requesting approval of this non-standard location in order to test a 20-acre infill for the Delaware formation. It is Devon's opinion that this well may capture reserves that are not recoverable from the offsetting wells. Devon is the operator and owns 100% of the working interest in Section 9 and the E/2 of Section 8. Section 9 and the E/2 of Section 8 are covered by lease no. NM NM-77046, issued by the BLM. Yates Petroleum, operator in the NW/4 of Section 16, will be notified of this application by copy of same.

Please call me at (405) 228-4415 should you have any questions or need additional information regarding this application.

Sincerely,

Richard C. Winchester  
Land Advisor

Cc: Bureau of Land Management – Roswell  
Oil Conservation Division – Artesia  
Yates Petroleum Corporation – Artesia (Via Certified Mail)

**DISTRICT IV**  
2040 South Pacheco, Santa Fe, NM 87505

**Submit to Appropriate District Office**  
**State Lease - 4 Copies**  
**Fee Lease - 3 Copies**

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

**□ AMENDED REPORT**

API Number	Pool Code 40297	Pool Name Los Medanos
Property Code	Property Name NORTH PURE GOLD "9" FEDERAL	Well Number 17
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3337'

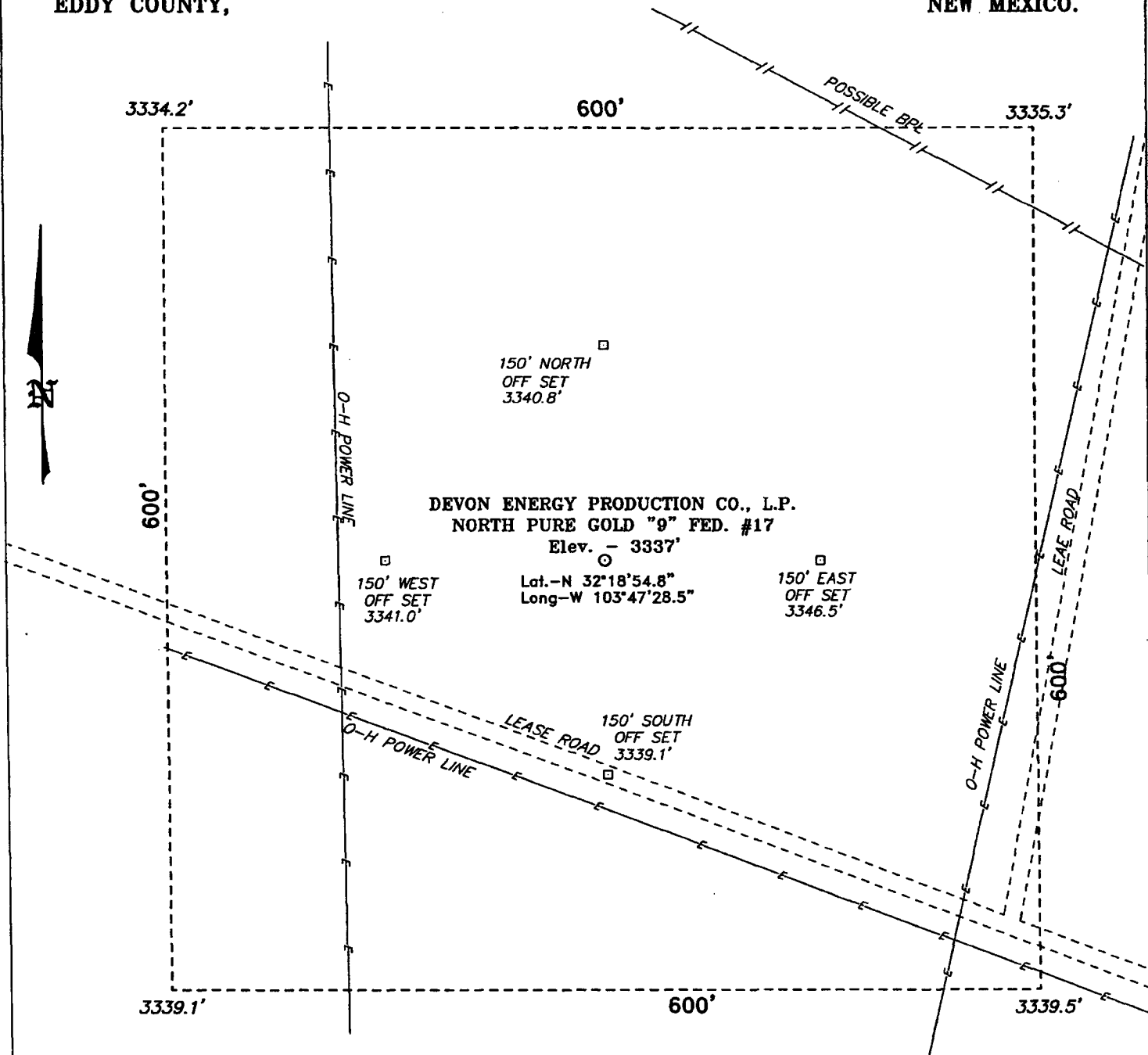
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	23 S	31 E		1265	SOUTH	35	WEST	EDDY

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

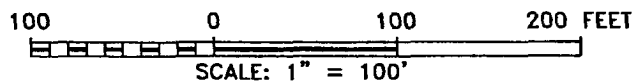
<div></div> <div>Lat.: N32°18'54.8" Long.: W103°47'28.5"</div>	<div>RECEIVED</div> <div>FEB 06 2004</div> <div>OCD-ARTESIA</div>	<div>OPERATOR CERTIFICATION</div> <div>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</div> <div></div> <div>Signature</div> <div>Linda B Guthrie</div> <div>Printed Name</div> <div>Operations Associate</div> <div>Title</div> <div>02/02/04</div> <div>Date</div>	
			<div>SURVEYOR CERTIFICATION</div> <div>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.</div> <div>JANUARY 28 2004</div> <div>Date Surveyed</div> <div>GARY L. JONES</div> <div>Signature &amp; Seal of Professional Surveyor</div> <div></div> <div>Certificate No. 3956</div> <div>Basin Surveys</div>

SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



Directions to Location:

ON STATE HWY 128 GO 0.3 MILE PAST MM13 TO  
LEASE ROAD; THENCE NORTH ON LEASE ROAD FOR  
1.4 MILE; THENCE EAST FOR 0.2 MILE TO LOCATION.



**DEVON ENERGY PROD. CO., L.P.**

REF: NORTH PURE GOLD "9" FED. No. 17 / Well Pad Topo

THE NORTH PURE GOLD "9" FED. No. 17 LOCATED 1265' FROM  
THE SOUTH LINE AND 35' FROM THE WEST LINE OF  
SECTION 9, TOWNSHIP 23 SOUTH, RANGE 31 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 3958

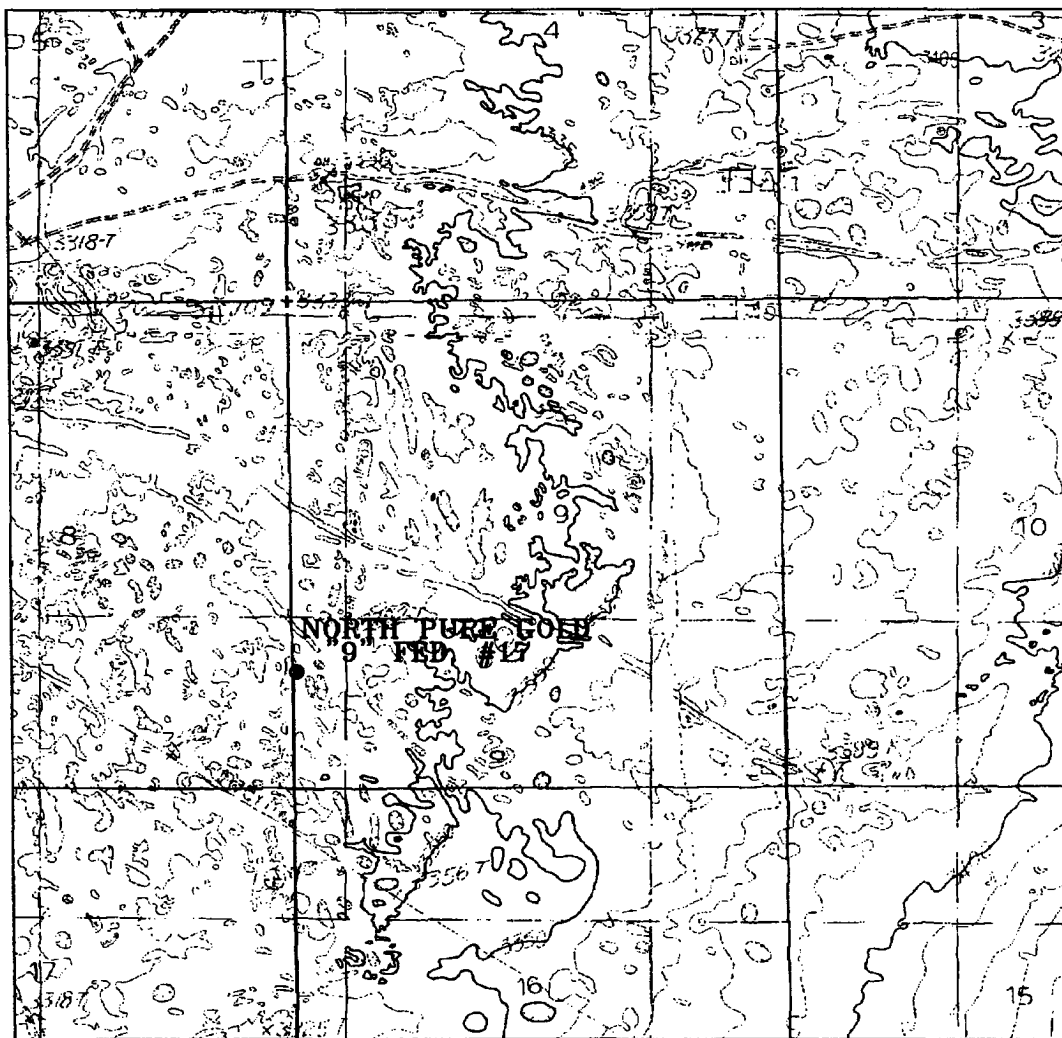
Drawn By: K. GOAD

Date: 01-29-2004

Disk: KJG CD#4 - 3958A.DWG

Survey Date: 01-28-2004

Sheet 1 of 1 Sheets



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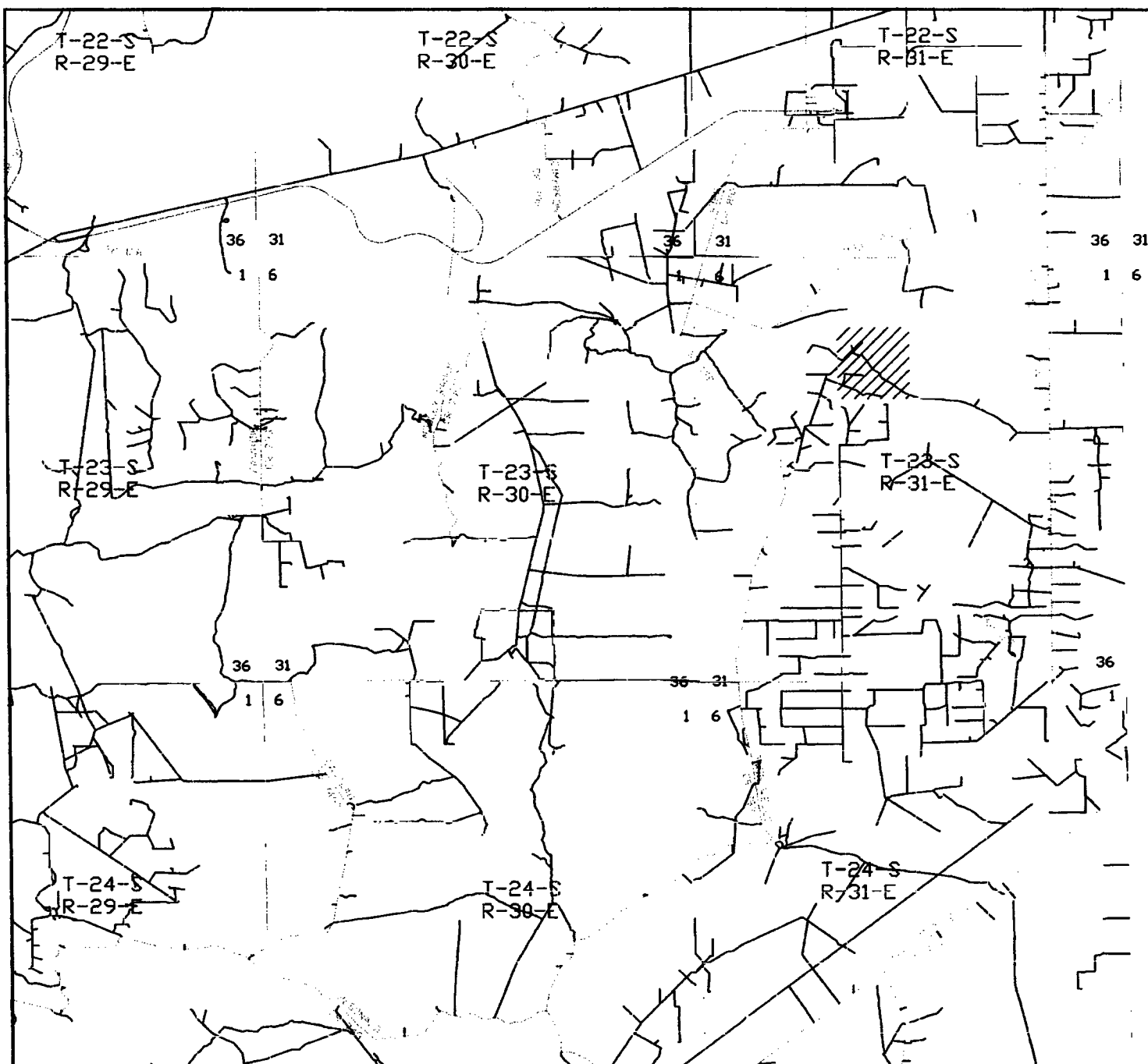


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