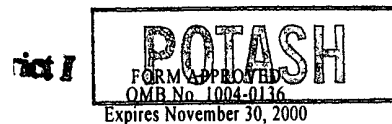


OPER. OGRID NO. 20165  
PROPERTY NO. 34031  
POOL CODE 86040  
EFF. DATE 6/7/04

APPLICANT API NO. 30-025-36719



5. Lease Serial No.  
C-067265-A  
6. If Indian, Allottee or Tribe Name

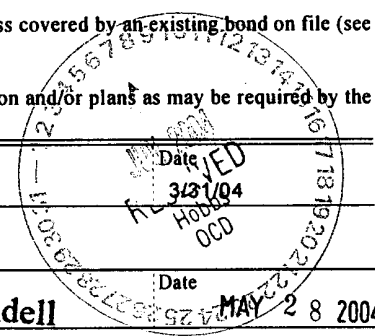
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. <u>Maverick 14 Fed. Com., #1</u>	
2. Name of Operator <u>Samson Resources</u>		9. API Well No. <u>30-025-36719</u>	
3a. Address <u>Samson Plaza—Two W. 2nd St. Tulsa, OK 74103</u>	3b. Phone No. (include area code) <u>(918) 591-1822</u>	10. Field and Pool, or Exploratory <u>Teas Penn Gas</u>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <u>1980' FSL &amp; 1830' FWL</u> At proposed prod. zone <u>same</u> <u>Unit K</u> <u>R-111-P Potash</u>		11. Sec., T., R., M., or Blk. and Survey or Area <u>Sec. 14-T20S-R33E</u>	
14. Distance in miles and direction from nearest town or post office* <u>37 miles northeast of Carlsbad, NM</u>		12. County or Parish <u>Lea</u>	13. State <u>NM</u>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <u>660'</u>	16. No. of Acres in lease <u>80</u>	17. Spacing Unit dedicated to this well <u>320</u>	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <u>362'</u>	19. Proposed Depth <u>14,000'</u>	20. BLM/BIA Bond No. on file <u>NM-2037</u>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <u>3597' GL</u>	22. Approximate date work will start* <u>May 17, 2004</u>	23. Estimated duration <u>6 weeks</u>	

24. Attachments **Capitan 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 <u>George R. Smith</u>	Name (Printed/Typed) <u>George R. Smith</u>
Title <u>Agent for Samson Resources</u>	
Approved by (Signature) <u>/s/ Linda S. C. Rundell</u>	Name (Printed/Typed) <u>/s/ Linda S. C. Rundell</u>
Title <u>STATE DIRECTOR</u>	Office <u>NM STATE OFFICE</u>



Application approval 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.  
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)

Lease Responsibility Statement: Samson Resources Co. accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof.

DECLARED WATER BASIN  
CEMENT BEHIND THE 16"  
CASING MUST BE CIRCULATED

CAPITAN REEF  
CEMENT BEHIND THE 8 5/8"  
CASING MUST BE TIED BACK

George R. Smith  
George R. Smith, agent

R-111-P Potash  
CEMENT BEHIND THE 11 3/4"  
CASING MUST BE CIRCULATED

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88211-0710

**Energy, Minerals and Natural Resources Department.**

Revised February 10, 1994  
Submit to Appropriate District Office

State Lease - 4 Copies  
 Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

**P.O. Box 2088**

**Santa Fe, New Mexico 87504-2088**

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

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ **AMENDED REPORT**

API Number 38-025-36719	Pool Code 86040	Pool Name Teas Penn Gas
Property Code 34031	Property Name MAVERICK FEDERAL COM.	Well Number 1
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3597'

### Surface Location

TL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	14	20-S	33-E		1980	SOUTH	1830	WEST	LEA

## 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 320	Joint or Infill	Consolidation Code com	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

3592.7' 500' 3598.1'  
 1830' 500' 3601.8'  
 3596.4' 1980'

GEODETIC COORDINATES  
 NAD 1927 NME  
 Y = 572226.9 N  
 X = 714797.2 E  
 LAT. = 32°34'16.41"N  
 LONG. = 103°38'09.88"W

**OPERATOR CERTIFICATION**

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

*George R. Smith*  
 \_\_\_\_\_  
 Signature

**George R. Smith, agent for**  
 \_\_\_\_\_  
 Printed Name

**Samson Rources**  
 \_\_\_\_\_  
 Title

**March 31, 2004**  
 \_\_\_\_\_  
 Date

---

**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.

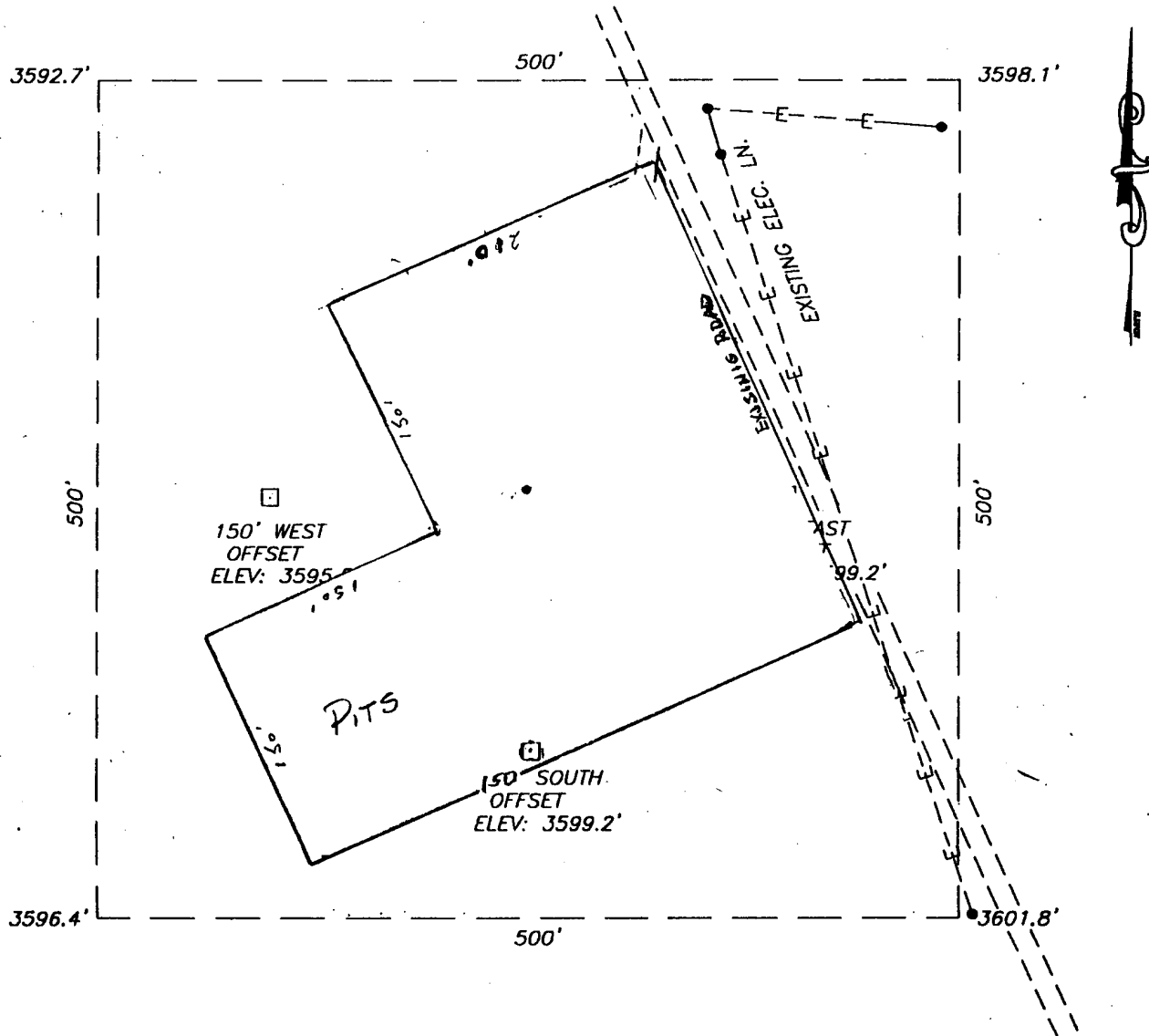
**October 22, 2003**

Date Surveyed \_\_\_\_\_ AWB

Signature & Seal of Professional Surveyor  
*Gary R. Edson*  
 \_\_\_\_\_  
 03.11.1178

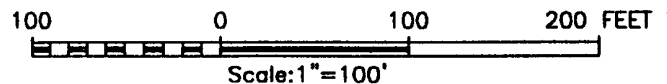
Certificate No. **GARY EDSON** 12641

**SECTION 14, TOWNSHIP 20 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DIRECTIONS TO LOCATION:**

FROM THE INTERSECTION OF U.S HIGHWAY #62-180.  
AND A CALICHE ROAD AT MILE MARKER #73.1. GO  
SOUTH ON CALICHE ROAD 0.25 MILES. GO EAST 0.45  
MILES AND SOUTH 0.5 MILES TO A STAKED ROAD ON  
THE RIGHT.



**Samson Resources**

MAVERICK FEDERAL #1 WELL LOCATED  
1980' FROM THE SOUTH LINE AND 1830'  
FROM THE WEST LINE OF SECTION 14,  
TOWNSHIP 20 SOUTH, RANGE 33 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 10/22/03	Sheet 1 of 1 Sheets
W.O. Number: 03.11.1179	DRAWN BY: A.W.B
Date: 10/27/03	DISK: CD#9
SAMSON#1179	Scale: 1"=100'

JOHN WEST SURVEYING COMPANY  
412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

## APPLICATION FOR DRILLING

**SAMSON RESOURCES CO.**  
Maverick Federal Com., Well No. 1  
1980' FSL & 1830' FWL, Sec. 14-T20S-R33E  
Lea County, New Mexico  
Lease No.: NMLC-067265-A  
(Development Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Samson Resources Co. submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.

2. The estimated tops of geologic markers are as follows:

Rustler	1,350'	Penn Shale	12,150'
Yates	3,066'	Strawn	12,300'
Capitan	3,532'	Atoka	12,500'
Delaware	5,250'	Morrow	13,200'
1 <sup>st</sup> Bone Spring	9,400'	T.D.	14,000'
Wolfcamp	11,600'		

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Surface water between 100' - 300'.

Oil: Possible in the Delaware below 5,200'.

Gas: Possible in Atoka below 12,500' and the Morrow below 13,200'.

#### 4. Proposed Casing Program:

HOLE SIZE	CASING SIZE	WEIGHT	GRADE	JOINT	SETTING DEPTH	QUANTITY OF CEMENT
18 1/2"	16"	75.0#	K-55	BT&C	0' - 1,375'	Circ 890 sx "C" cement
14 3/4"	11 3/4"	54.5#	K-55	BT&C	0' - 3,510'	Circ. 1330 sx. HLC Prem Plus
10 5/8"	8 5/8"	32.0#	N-80	LT&C	0' - 5,215'	Circ. 900 sx. Interfill C & Prem
7 7/8"	5 1/2"	20.0#	P110	LT&C	0' - 14,000'	1050 sx Interfill H & Super H TOC 8000'

#### 5. Minimum Specifications for Pressure Control Equipment:

A NU 21 3/4" 2M WP Hydril will be installed on the 16" casing and tested to 800 psi before drilling the 14 3/4" hole to the 3510' depth. A 13 5/8" 10,000 psi WP Shaffer, LWS Double Gate BOP over single w/ 13 5/8" 5M Hydril annular preventer will be installed on the 11 3/4" casing and tested as per Onshore Oil & Gas Order #2 as a 5,000 psi system. The casing and BOP will be tested before drilling out with the 10 5/8" and 7 7/8". See Exhibit "E".

6. MUD PROGRAM:		MUD WEIGHT	VIS.	W/L CONTROL
0' - 1,375':	Fresh water mud:	8.4 - 9.2 ppg	28 - 29	No W/L control
1,375' - 3,510	Fresh/native brine	10.0 - 10.4 ppg	26 - 29	No W/L control
3,510' - 5,215':	Fresh water + addit.	8.8 - 9.6 ppg	26 - 29	No W/L control
5215' - 12,300':	Fresh water/Cut brine	8.4 - 9.2 ppg	26 - 29	No W/L control
12,300' - 14,000':	Cut Brine/xcd polymer	9.4 - 11.5 ppg	29 - 42	W/L control < 10cc

7. Auxiliary Equipment: Blowout Preventer, flow sensors and stabbing valve.

**SAMSON RESOURCES CO.**

Maverick Federal Com., Well No. 1

Page 2

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

Drill Stem Tests: None unless conditions warrant.

Logging: 5,200' to T.D: CNL-DNL w/GR-Cal.

5,200' to Surface: CNL-GR

Coring: Rotary sidewall if dictated by logs.

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight. Estimated evacuated BHP = 6160 psi and surface pressure of 3080 psi with a temperature of 200°.

10.  $H_2S$ : None expected. The Mud Log Unit will be cautioned to use a gas trap to detect  $H_2S$  and if any is detected the mud weight will be increased along with  $H_2S$  inhibitors sufficient to control the gas.

11. Anticipated starting date: May 17, 2004.

Anticipated completion of drilling operations: Approximately 6 weeks.

## **MULTI POINT SURFACE USE AND OPERATIONS PLAN**

**SAMSON RESOURCES**  
Maverick 14 Federal Com., Well No. 1  
1980' FSL & 1830' FWL, Sec. 14-T20S-R33E  
Lea County, New Mexico  
Lease No.: NMLC-067265A  
(Development Well)

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, to be followed in rehabilitating the surface environmental effects associated with the operations.

### **1. EXISTING ROADS:**

- A. Exhibit "A" is a portion of a USGS/BLM Topo map showing the location of the proposed well as staked. The well site location is approximately 37 road miles northeast of Carlsbad, New Mexico. Traveling east from Carlsbad there will be approximately 37.0 miles of paved highway and .5 mile of gravel oilfield road.
- B. Directions: Travel east from Carlsbad, NM on U.S. Highway 62/180 for approximately 32 miles to NM Highway #176. Continue east on #62/180 for 5.3 miles, .1 mile east of MM #73. Turn south, at a Woodbine Pet. and a Shackleford Oil Co. sign, for .3 mile to an east/west crossroad. Turn east for .5 mile then south for .5 mile to the northeast corner of the proposed well site.

### **2. PLANNED ACCESS ROAD:**

- A. Length and Width: The existing access road will access the drilling pad on the northeast corner. The existing access roads are color coded on Exhibit "A".
- B. Construction: The existing access road will be repaired or upgraded, as needed or required, by grading and topping with compacted caliche and will be properly drained.
- C. Turnouts: None required.
- D. Culverts: None required.
- E. Cuts and Fills: None required.
- F. Gates, Cattle guards: None required.
- G. Off Lease R/W: None required.

### **3. LOCATION OF EXISTING WELLS:**

- A. Existing wells within a two-mile radius are shown on Exhibit "C".

### **4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES;**

- A. Samson Resources has no production facilities on the lease at this time.
- B. If the well proves to be commercial, the necessary production facilities, gas production-process equipment and tank battery, if required, will be installed on the drilling pad.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. It is planned to drill the proposed well with fresh water that will be obtained from private or commercial sources and will be transported over the existing access roads.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. Caliche for the access road and well site pad will be obtained on location, if available, or from an approved Federal pit located in the SENW of Sec. 14-T20S-R33E. No surface materials will be disturbed except those necessary for actual grading and construction of the drill site and access road.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. All pits will be fenced with normal fencing materials to prevent livestock and wildlife from entering the area.
- D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or a separate disposal application will be submitted to the BLM for approval.
- E. Oil produced during operations will be stored in tanks until sold.
- F. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- G. Trash, waste paper, garbage and junk will be contained in trash bins to prevent scattering and will be removed for deposit in an approved sanitary landfill within 30 days after finishing drilling and/or completion operations.

**8. ANCILLARY FACILITIES:**

- A. None required.

**9. WELL SITE LAYOUT:**

- A. Exhibit "D" shows the relative location and dimensions of the well pad, reserve pits, and major rig components. The pad and pit area has been staked and flagged, 500' X 500'.
- B. Mat Size: 300' X 210', plus 150' X 150' mud pits. The pits will be on the southwest.
- C. Cut & Fill: There will be a cut of 2-3 feet on the south and with fill to the north.
- D. The surface will be topped with compacted caliche and the mud pits will be plastic lined.

**10. PLANS FOR RESTORATION OF THE SURFACE:**

- A. After completion of drilling and/or completion operations, all equipment and other material not required for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in an aesthetically pleasing a condition as possible
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled as soon as they are dry enough to work after completion or abandonment.

**11. OTHER INFORMATION:**

- A. Topography: The proposed well site and access road is located in the Querecho Plains. The location has an overall northwesterly slope of 1% from an elevation of 3597 feet.
- B. Soil: The topsoil on the well site and access road is reddish brown colored fine sand. The soil is of the Pyote and Maljamar fine sands soils series.
- C. Flora and Fauna: The vegetation at the well site is a sparse grass cover of three-awn, dropseed, grama, muhly and other miscellaneous native grasses along with plants of mesquite, yucca, sage, broomweed, cacti and miscellaneous weeds and wildflowers. The wildlife consists of rabbits, coyotes, rattlesnakes, lizards, dove, quail and other wildlife typical of the semi-arid desert land.
- D. Ponds and Streams: None.
- E. Residences and Other Structures: None, but existing oil field facilities.
- F. Land Use: Cattle grazing.
- G. Surface Ownership: The proposed well site and access road are on Federal surface.
- H. There is no evidence of archaeological, historical or cultural sites in the area. Archaeological Survey Consultants, P.O. Box 2285, Roswell, NM 88202 are conducting an archaeological survey and their report will be submitted to the appropriate government agencies.



**12. OPERATOR'S REPRESENTATIVE:**

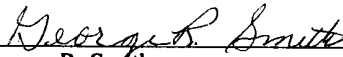
- A. The field representative responsible for assuring compliance with the approved surface use and operations plan is as follows:

Billy Goodwin  
Samson Resources  
Samson Plaza-Two West Second St.  
Tulsa, OK 74103-3103  
Office Phone: (918) 591-1822

**13. CERTIFICATION:**

I hereby certify that I have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the 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 Samson Resources and its contractors and subcontractors in conformity with 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 the filing of a false statement.

March 31, 2004

  
\_\_\_\_\_  
George R. Smith  
Agent for: Samson Resources

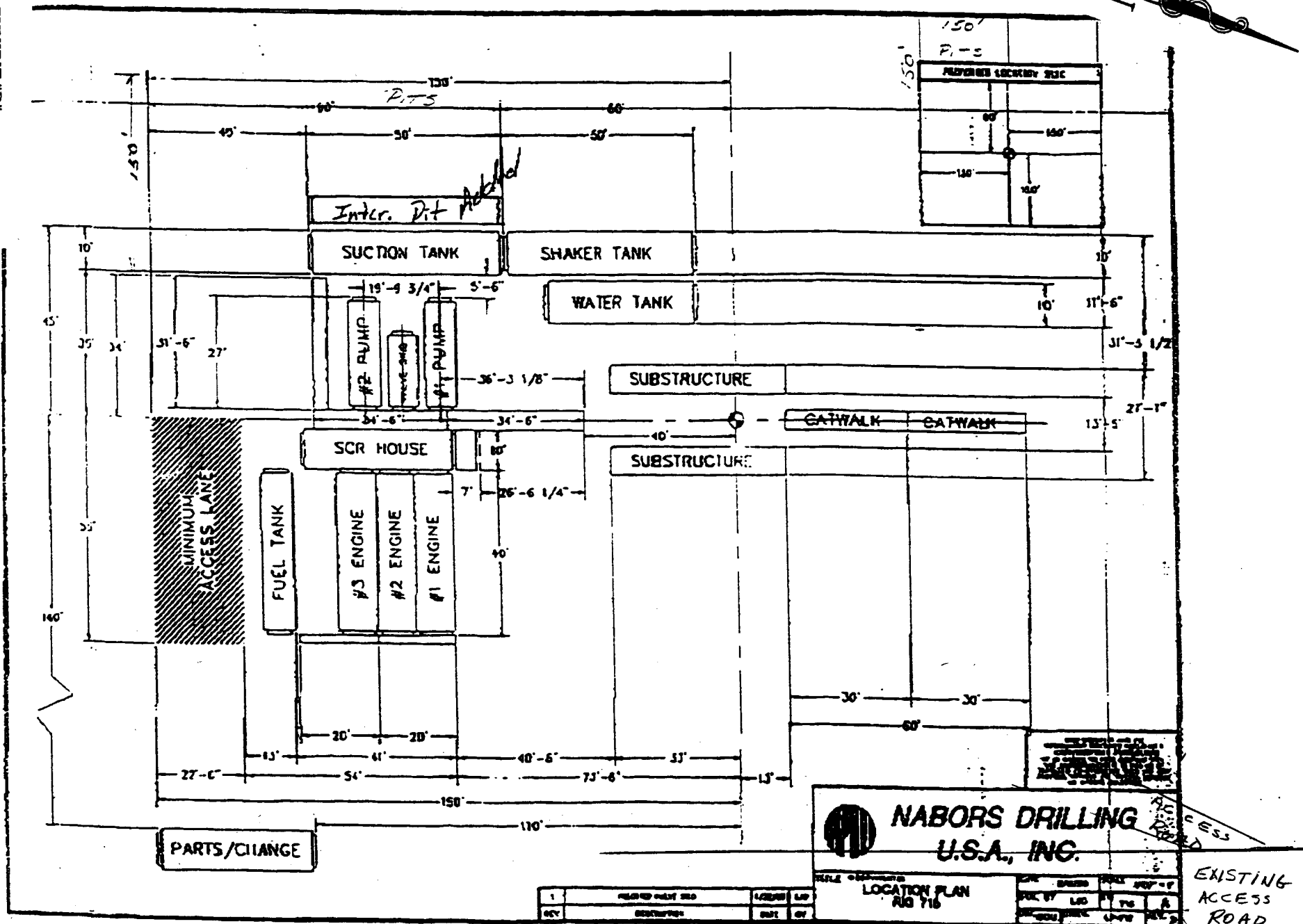




SAO-12-02

**Maverick Federal Com., Well No. 1**

## Pad & Pit Layout





# RIG 715 BOP LAYOUT

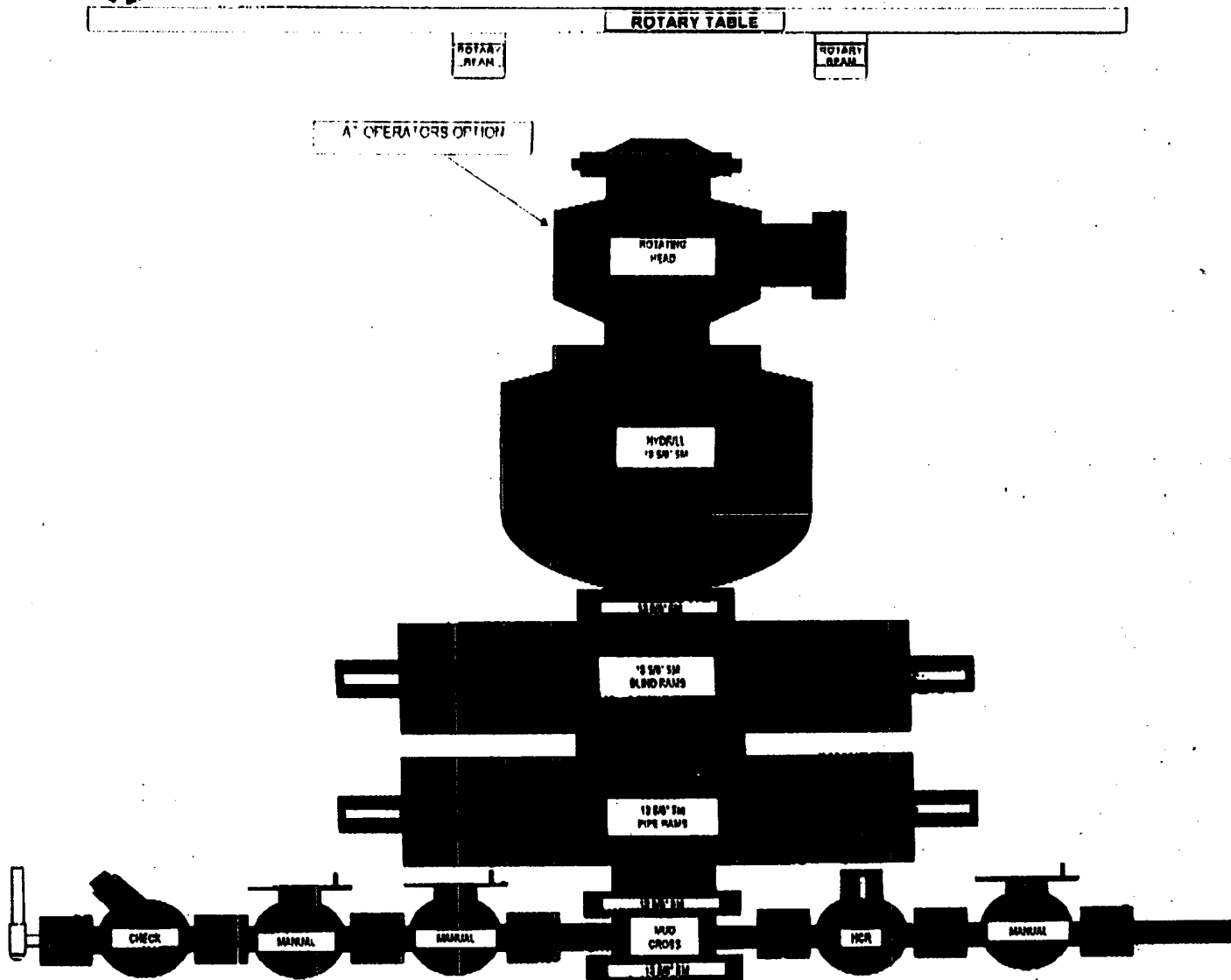
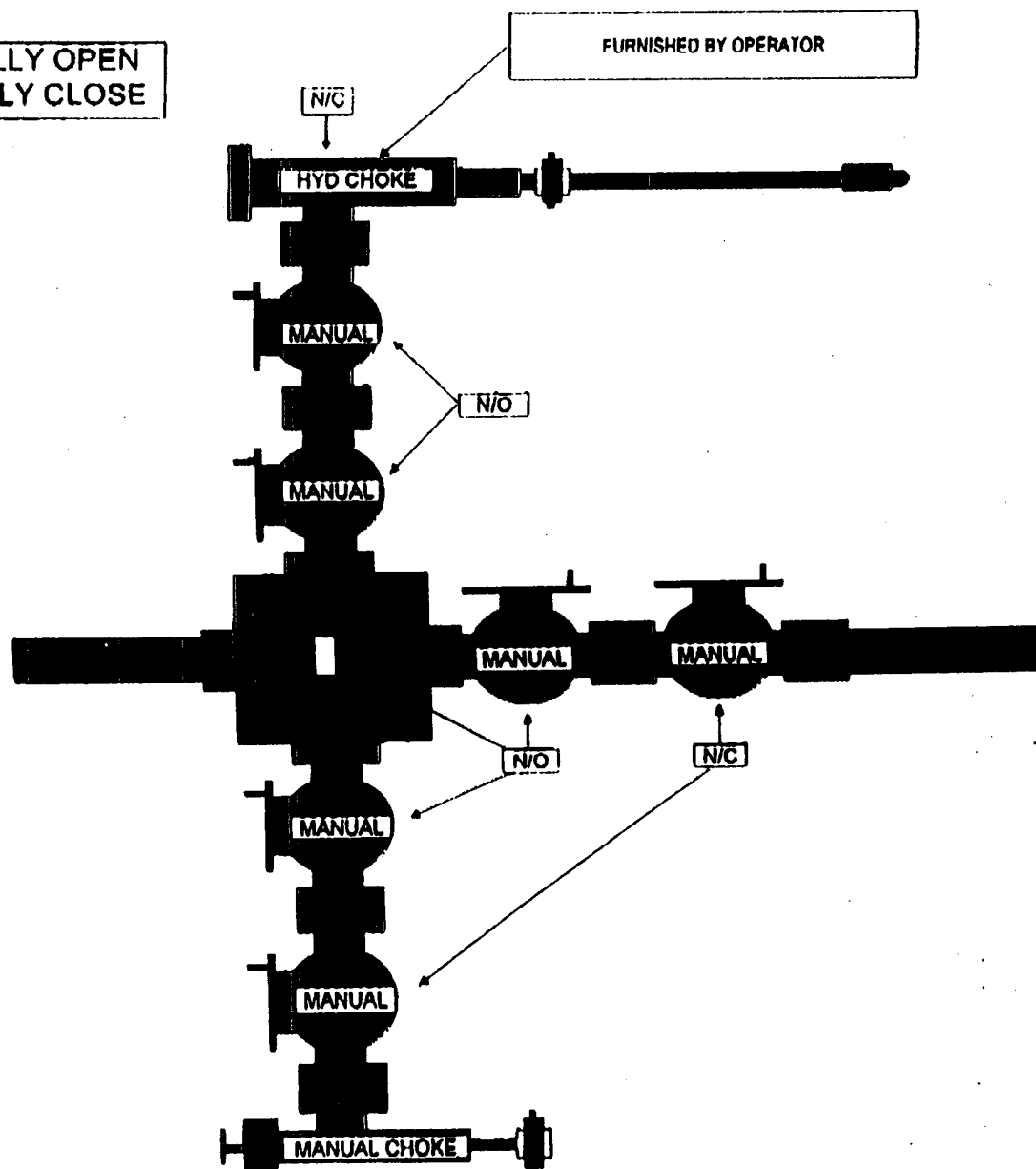


EXHIBIT "E"  
 SAMSON RESOURCES CO.  
 Maverick Federal Com., Well No. 1  
 BOP Specifications



N/O = NORMALLY OPEN  
N/C = NORMALLY CLOSE



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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-144  
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: **SAMSON RESOURCES COMPANY** Telephone: **918-591-1386** e-mail address: **TKOSCELNY@SAMSON.COM**  
Address: **TWO WEST SECOND ST, TULSA OK 74103-3103**  
Facility or well name: **MAVERICK 14 FEDERAL COM #1** U/L or Qtr/Qtr **SW** Sec **14** T **20S** R **33E**  
County: **LEA** Latitude **32 34 16.4** Longitude **103 38 09.88** NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <b>20</b> mil Clay <input type="checkbox"/> Volume <b>32,000</b> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <b>+/-35'</b>	<b>Less than 50 feet</b> (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<b>Yes</b> (20 points) <b>No</b> (0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) <b>GREATER THAN 1000'</b>	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <b>1000 feet or more</b> (0 points)	
	<b>Ranking Score (Total Points)</b>	<b>20</b>

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **5/28/04**

Printed Name/Title **TOM KOSCELNY, ENVIRONMENTAL SUPERVISOR**

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

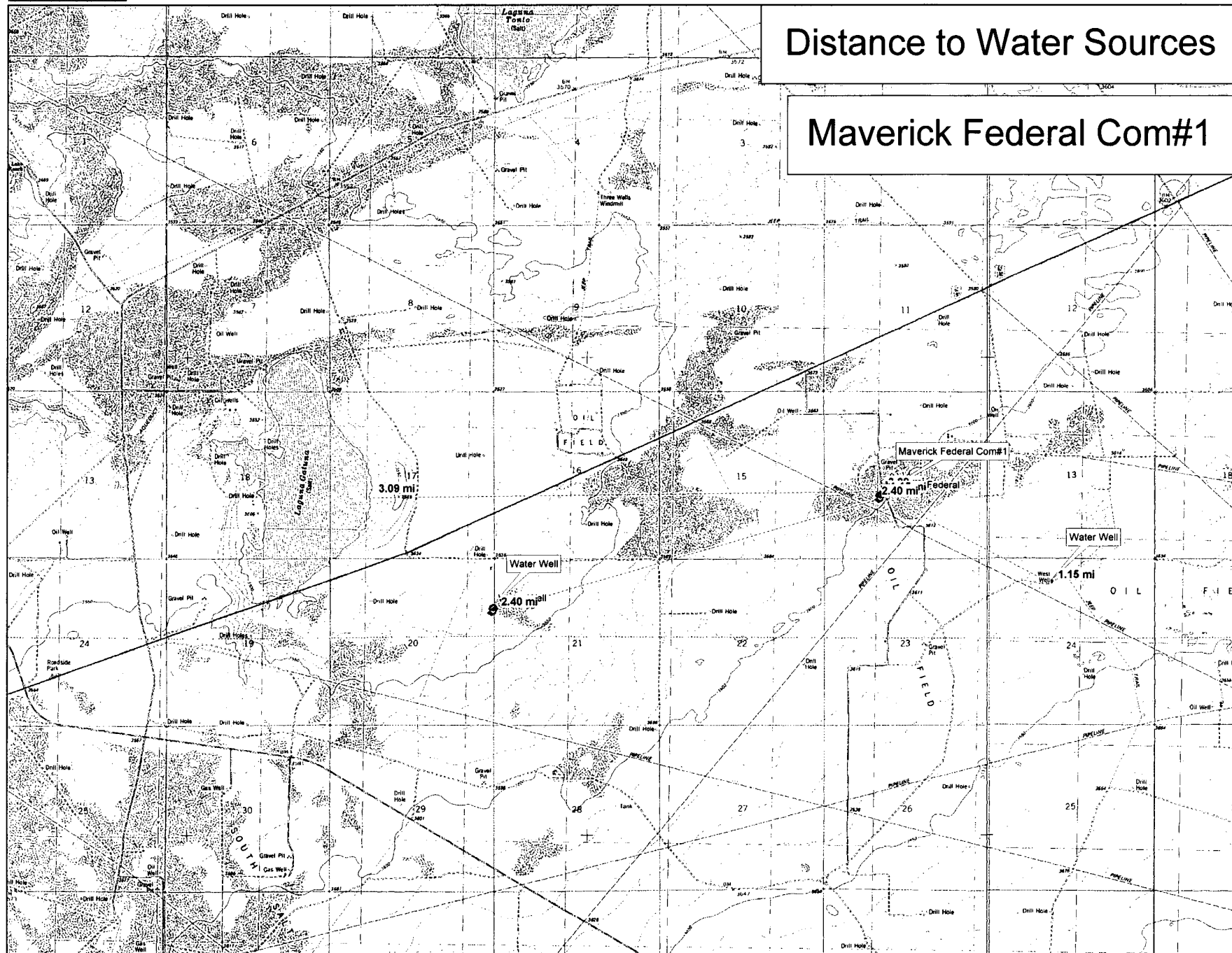
Date: **6/7/04** PETROLEUM ENGINEER

Printed Name/Title

Signature

## Distance to Water Sources

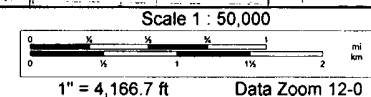
## Maverick Federal Com#1



Data use subject to license.

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www.delorme.com





DISTRICT I  
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0710

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

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

State of New Mexico

Energy, Minerals and Natural Resources Department

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 86040	Pool Name Teas Penn Gas
Property Code	Property Name MAVERICK FEDERAL COM.	Well Number 1
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3597'

Surface Location

UL or lot No. K	Section 14	Township 20-S	Range 33-E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1830	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

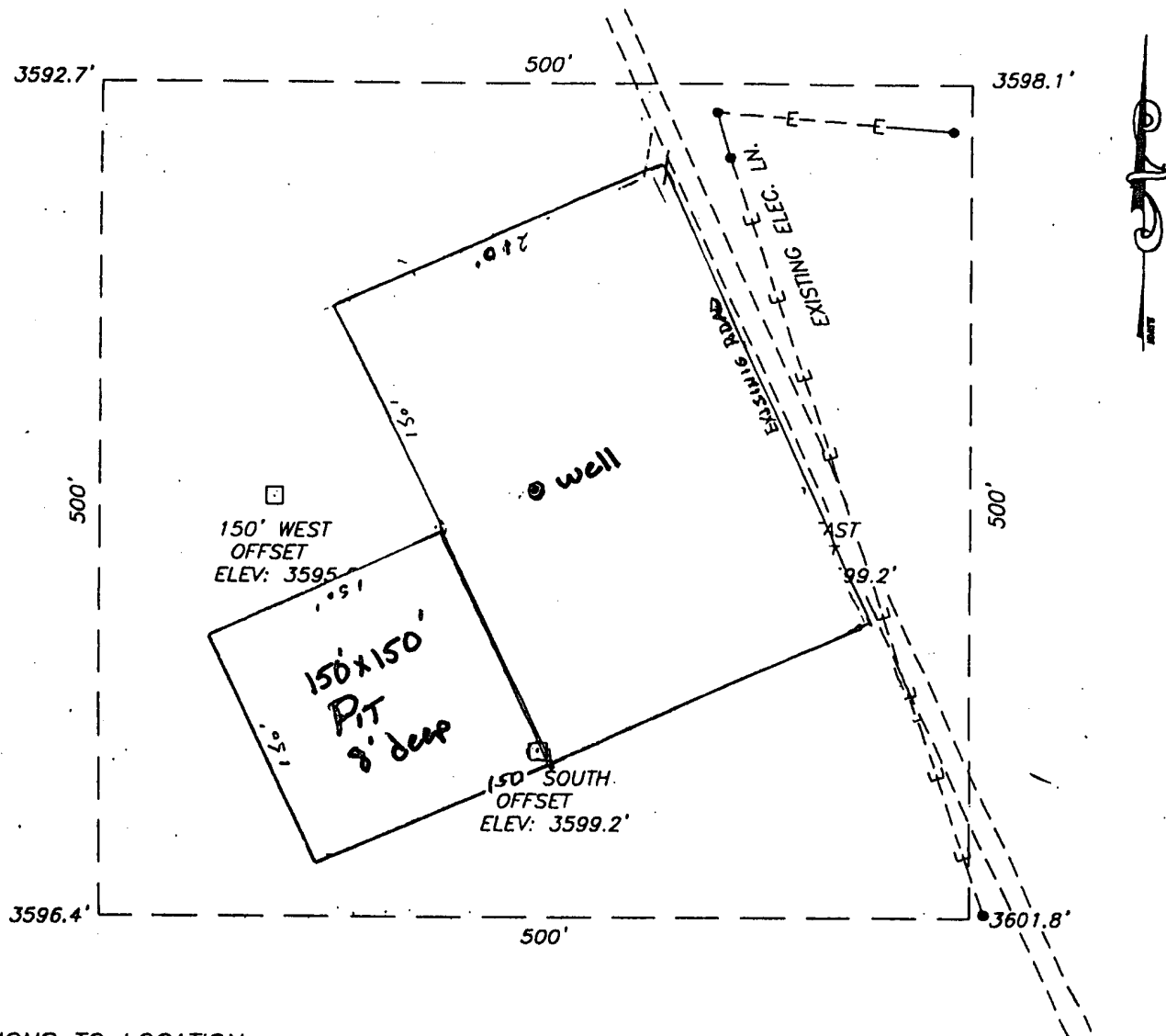
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 320	Joint or Infill	Consolidation Code com	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

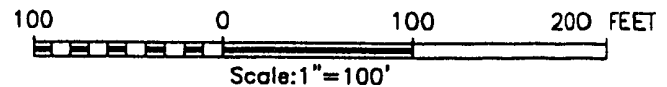
	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>George R. Smith</i> Signature George R. Smith, agent for Printed Name Samson Rources Title March 31, 2004 Date</p>
	<p><b>SURVEYOR CERTIFICATION</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>October 22, 2003 Date Surveyed Signature &amp; Seal of Professional Surveyor October 28, 2003 Certificate No. GARY EDSON 12841</p>

**SECTION 14, TOWNSHIP 20 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DIRECTIONS TO LOCATION:**

FROM THE INTERSECTION OF U.S. HIGHWAY #62-180.  
AND A CALICHE ROAD AT MILE MARKER #73.1. GO  
SOUTH ON CALICHE ROAD 0.25 MILES. GO EAST 0.45  
MILES AND SOUTH 0.5 MILES TO A STAKED ROAD ON  
THE RIGHT.



## Samson Resources

MAVERICK FEDERAL #1 WELL LOCATED  
1980' FROM THE SOUTH LINE AND 1830'  
FROM THE WEST LINE OF SECTION 14,  
TOWNSHIP 20 SOUTH, RANGE 33 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 10/22/03	Sheet 1 of 1 Sheets
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W.O. Number: 03.11.1179	DRAWN BY: A.W.B
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Date: 10/27/03	DISK: CD#9	SAMSON#1179	Scale: 1"=100'
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JOHN WEST SURVEYING COMPANY

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