

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

DATE FILED 3-2-76

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-15181 INDIAN

DRILLING APPROVED: 3-2-76

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 2-26-80 LOCATION ABANDONED WELL NEVER DRILLED

FIELD: Wildcat 3/86

UNIT:

COUNTY: Sevier

WELL NO. Fed. 36215 #1

API NO: 43-041-30011

LOCATION 799' FT. FROM XX (S) LINE. 1735' FT. FROM X (W) LINE. 800 NW 1/4 1/4 - 1/4 SEC. 36 NW SE SW

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
21S	5E	36	ODESSA NATURAL CORP,				

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

U-15181

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

36215

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 36, T21S, R5E  
SLB & M

12. County or Parrish 13. State

Sevier Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

ODESSA NATURAL CORPORATION

3. Address of Operator

P. O. Box 3908, Odessa, Texas 79760

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface

At proposed prod. zone 799' /SL, 1735' /WL

*SE to SW NW/SE SW*

14. Distance in miles and direction from nearest town or post office\*

Approx. 5 miles northwest of Emery, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

799'

16. No. of acres in lease

2539.12

17. No. of acres assigned to this well

640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

-

19. Proposed depth

3450'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GR 6956'

22. Approx. date work will start\*

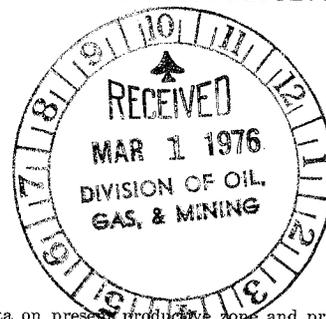
June 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13-3/4" OD	9-5/8" OD	36.00#	400'	325 sxs circ. to surface
8-3/4"	7" OD	20.00#	2000'	150 sxs.
6-1/4"	4-1/2" OD	13.50#	TD	200 sxs.

It is proposed to drill this well through the Dakota formation, using air or air mist and/or mud as a circulating media. Open hole logs will be run prior to setting casing. 7" OD casing will be run as an intermediate string, only if required by hole conditions and to protect possible productive formation while drilling deeper. The 4-1/2" OD casing will be run as a liner or as a full production string as conditions dictate. Productive zones will be perforated and sandwater fractured, if necessary.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*John J. Strojek*  
John J. Strojek/so

Title

Manager - Production Dept.

Date

2/25/76

(This space for Federal or State office use)

Permit No.

*13041-30011*

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

\*See Instructions On Reverse Side

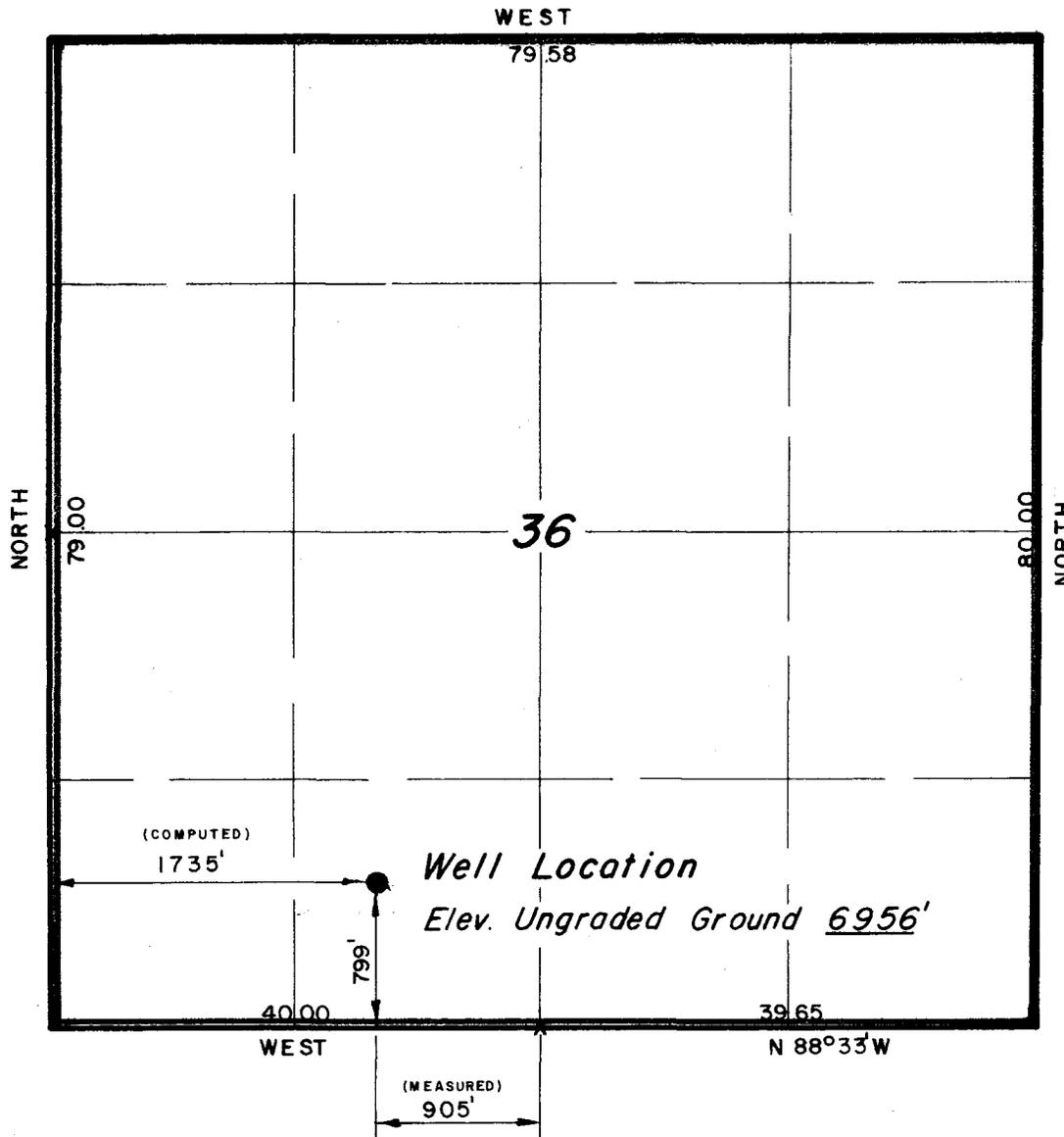
3/State, 1/Southland Royalty, 1/Enterprise, 1/Enserch Exploration, 1/JRM, 1/MB, 1/WWB, 1/JBowman, 1/JJS, 1/CM, 1/Well File

T21S, R5E, SLB. & M.

PROJECT

ODESSA NATURAL CORPORATION

Well location, located as shown in the SE 1/4 SW 1/4 Section 36, T21S, R5E, SLB. & M. Sevier County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Nelson J. Randall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2/19/76
PARTY LDT WP ND	REFERENCES GLO PLAT
WEATHER COLD	FILE ODESSA NAT. CORP.

X = Section corners located.



ODESSA NATURAL CORPORATION

P O BOX 3128  
ODESSA TEXAS 79760  
915-337-1111

February 25, 1976

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY - SALT LAKE CITY DISTRICT  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

ATTENTION: Mr. Edgar W. Gwynn  
Assistant District Engineer

Gentlemen:

REFERENCE: 12 POINT ENVIRONMENTAL PROGRAM  
ODESSA NATURAL CORPORATION  
36215 - Well No. 1  
Sevier County, Utah

In compliance with governmental requirements, Odessa Natural Corporation respectfully submits the attached environmental data to accompany the application for permit to drill the above referenced test well.

Yours very truly,

ODESSA NATURAL CORPORATION

JOHN J. STROJEK  
Manager - Production Department

JJS/so  
att

ODESSA NATURAL CORPORATION

12 Point Surface Use Plan

for

WELL LOCATION

in

Section 36, T21S, R5E, S.L.B. & M.

1. EXISTING ROADS

To reach Odessa Natural Corporation well location in Section 36, T21S, R5E, S.L.B. & M., proceed West from Emery, Utah on Highway 10 one mile, exit to the West onto graded road and proceed approximately 4.2 miles to said location.

2. PLANNED ACCESS ROAD

As shown on the attached topographic map, the planned access road onto the location is an existing road and will leave the location on the East side and proceed Southeast for 4.2 miles, to Highway 10. The access road will need to be improved with minimum grading with a side drain ditch to be constructed on each side. Fords around the two bridges along the route will also need to be improved.

3. LOCATION OF EXISTING WELLS

As shown on attached topographic map, there are no known wells within a radius of 1/2 mile. (See location plat for placement of well location in section).

4. LATERAL ROADS TO WELL LOCATIONS

There are no other access routes planned excepting the existing access road. See attached topographic map.

5. LOCATION OF TANK BATTERIES AND FLOWLINES

A 300 barrel tank will be set up on the location site to handle condensate in the event production is established. When the well is completed a well head, treater, and tank battery will be set up on the location to handle production. All flowlines from the well head to treater and tanks will be contained on the location site.

6. LOCATION AND TYPE OF WATER SUPPLY

To drill this well, water will be hauled from Emery, Utah approximately 5 miles to the East.

7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage and trash that can be burned shall be burned. All other types of waste such as non-burnable trash, well cuttings, drilling chemicals, and overflows of condensate shall be contained in the reserve pit and on completion of the well, buried with a minimum of 2' of cover. A portable chemical toilet is to be supplied for human waste.

8. LOCATION OF CAMPS

There will be no camps.

9. LOCATION OF AIRSTRIPS

There will be no airstrips.

## 10. LOCATION LAYOUT

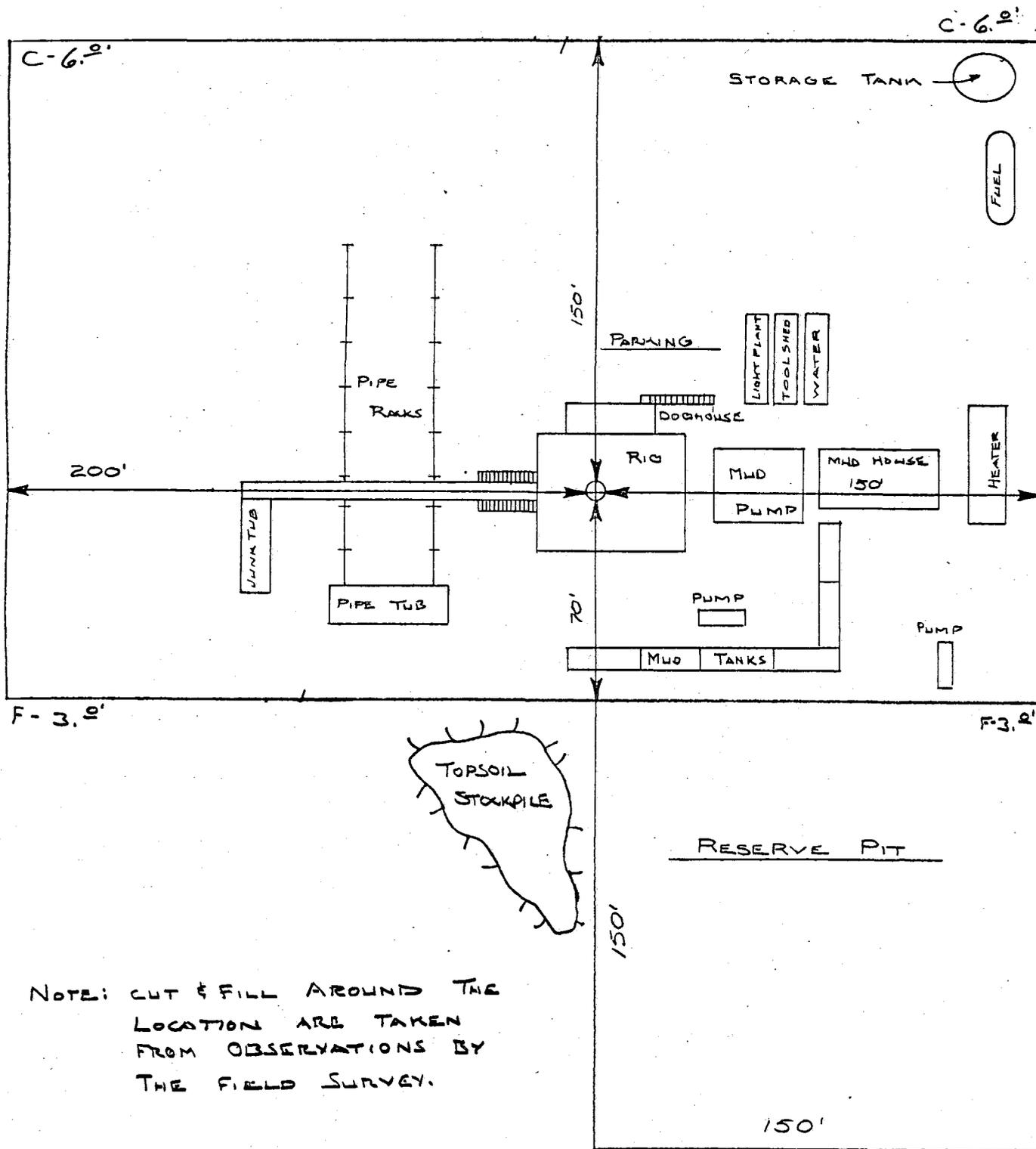
See attached location layout sheet. B.L.M. District Manager will be notified before any construction begins on the proposed location site.

## 11. PLANS FOR RESTORATION OF SURFACE

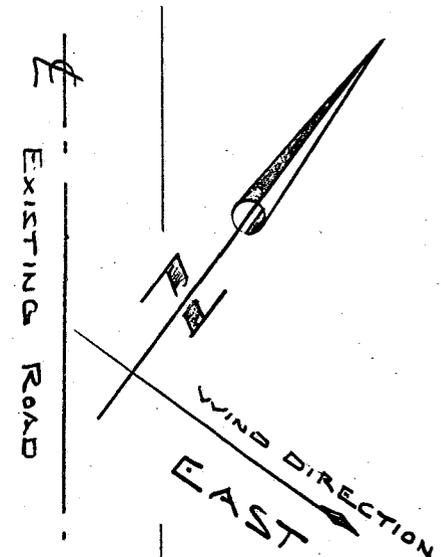
This well is located in an area with some topsoil. All topsoil will be stripped and stockpiled prior to construction and drilling; see attached location layout sheet. Some moderate land construction is anticipated; as the removal of some juniper and pinion trees and under brush will be necessary in the construction of said location site. The well site will be reshaped as soon as possible by spreading the stockpiled topsoil over the disturbed area and reseeded with a designated seed mixture recommended by the B.L.M. District Manager when moisture content of the soil is adequate for germination.

## 12. TOPOGRAPHY

The location area is generally sloping to the Southeast consisting of steep hillsides, deep canyons, gullies and washes trending Northwest to Southeast. Rock out cropings are evident along the steeper hillsides. There is some flat country along the tops of the plateaus and in the bottom of the canyons. This semi-arid to arid area is vegetated with heavy juniper and pinion forest with large clearings along the steeper hillsides, down in the flats, and on top of the plateaus. General vegetation is juniper and pinion forest, sagebrush, and native grasses. Drainage is generally steep at first then leveling out in the major drainages and is intermittent in nature running occasionally in the springtime and then to the Southeast into the annually flowing Quitchupah Creek. The vegetation supports moderate cattle and sheep grazing. Wildlife is predominantly deer, coyotes, and a variety of small mammals and birds. A steep hillside rises to the North of the location site then levels out to approximately an 8% grade through the location and drops sharply into the Link Canyon drainage where it parallels the location approximately 1000' to the South. Two large washes, one on the East and one on the West, parallel the location and intersect the Link Canyon drainage to the South of the location. The location site is to be built parallel and adjacent to the existing access road. The immediate area surrounding the location site is predominantly heavy pinion and juniper forest.



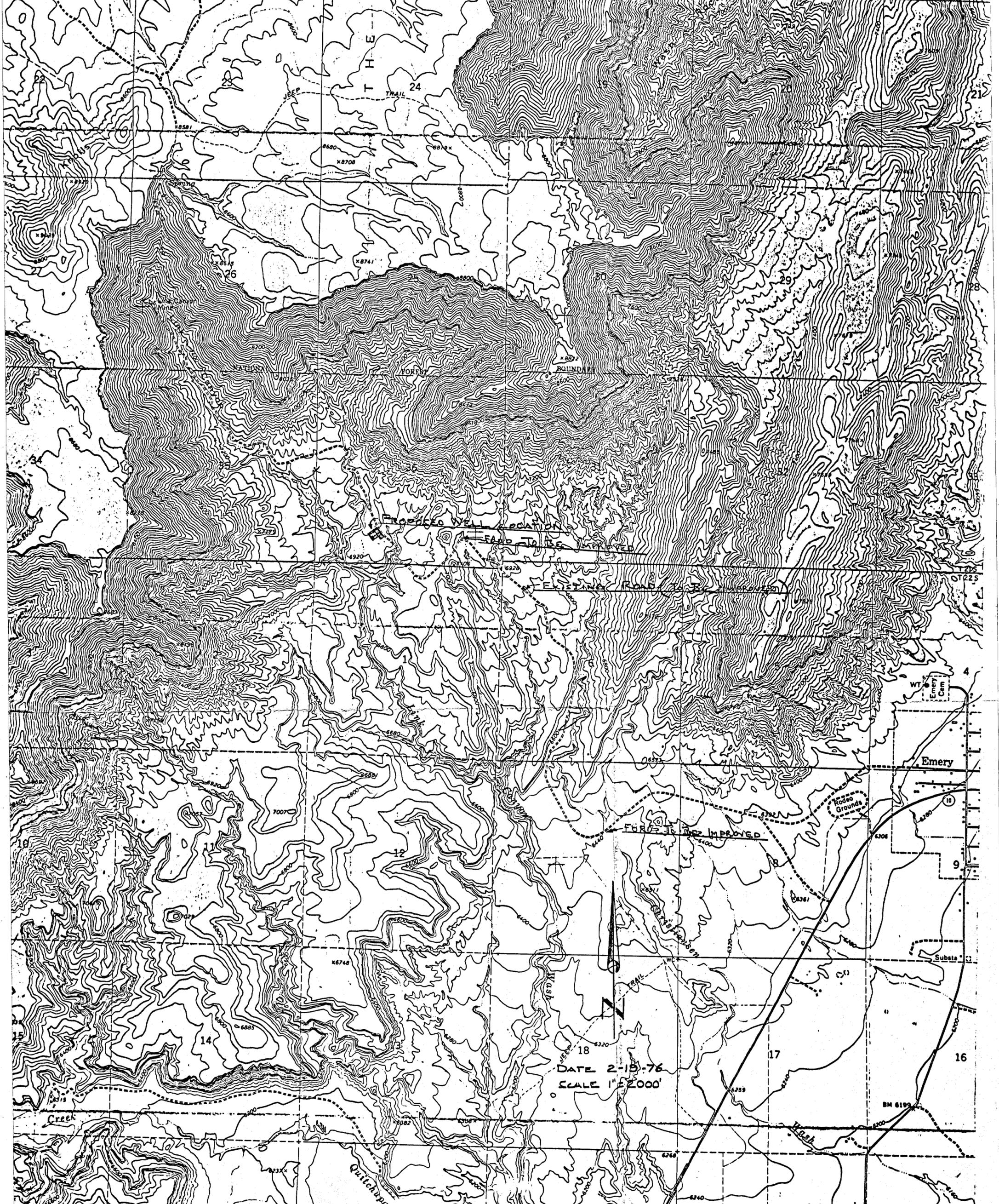
ODESSA NATURAL  
CORPORATION  
LOCATION LAYOUT  
FOR  
WELL LOCATION  
IN  
SECTION 36, T21S, R5E, S41M.



NOTE: CUT & FILL AROUND THE  
LOCATION ARE TAKEN  
FROM OBSERVATIONS BY  
THE FIELD SURVEY.

DATE 2-19-76  
SCALE 1" = 50'

N T I L L A S A L N A T I O N A L F O R E S T



THE

24

26

FOREST

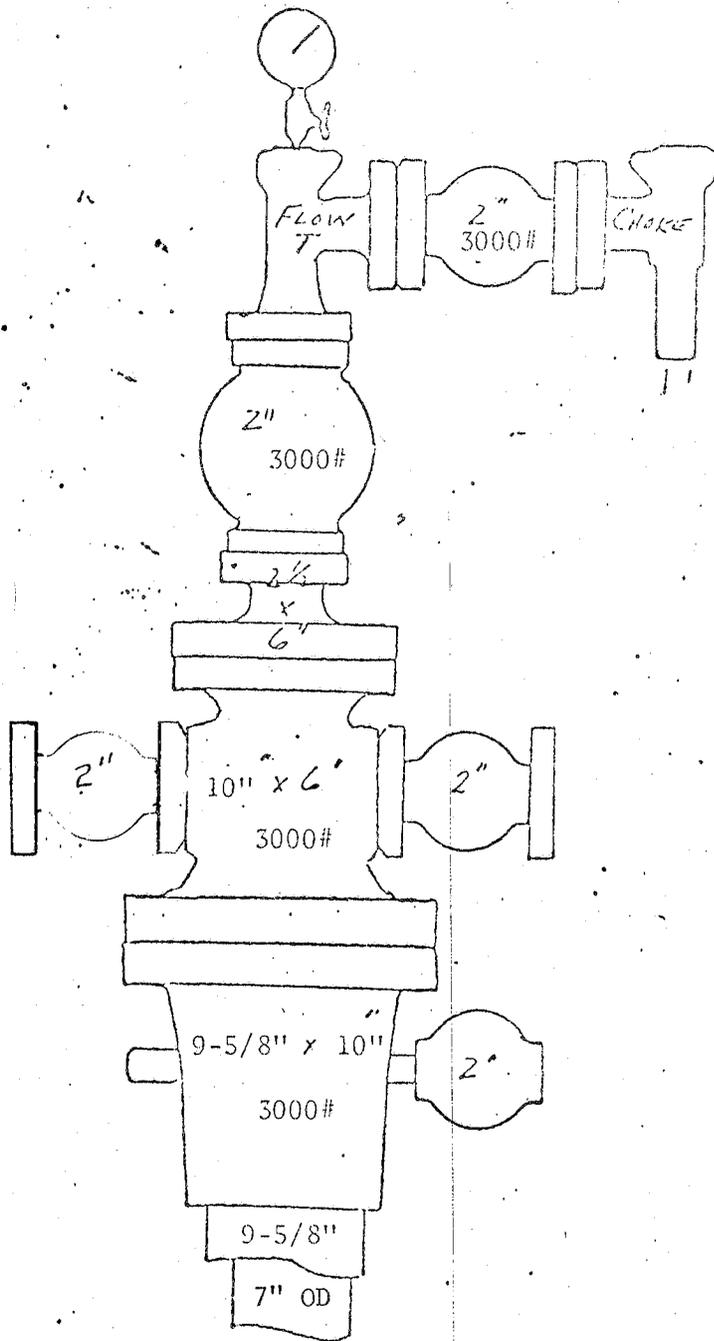
FRANCISCO VALLEY

DATE 2-15-76  
SCALE 1"=2000'

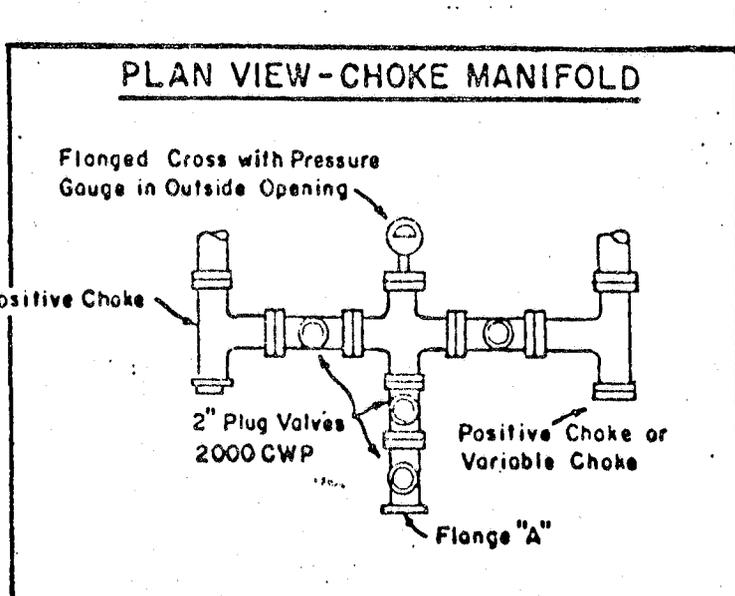
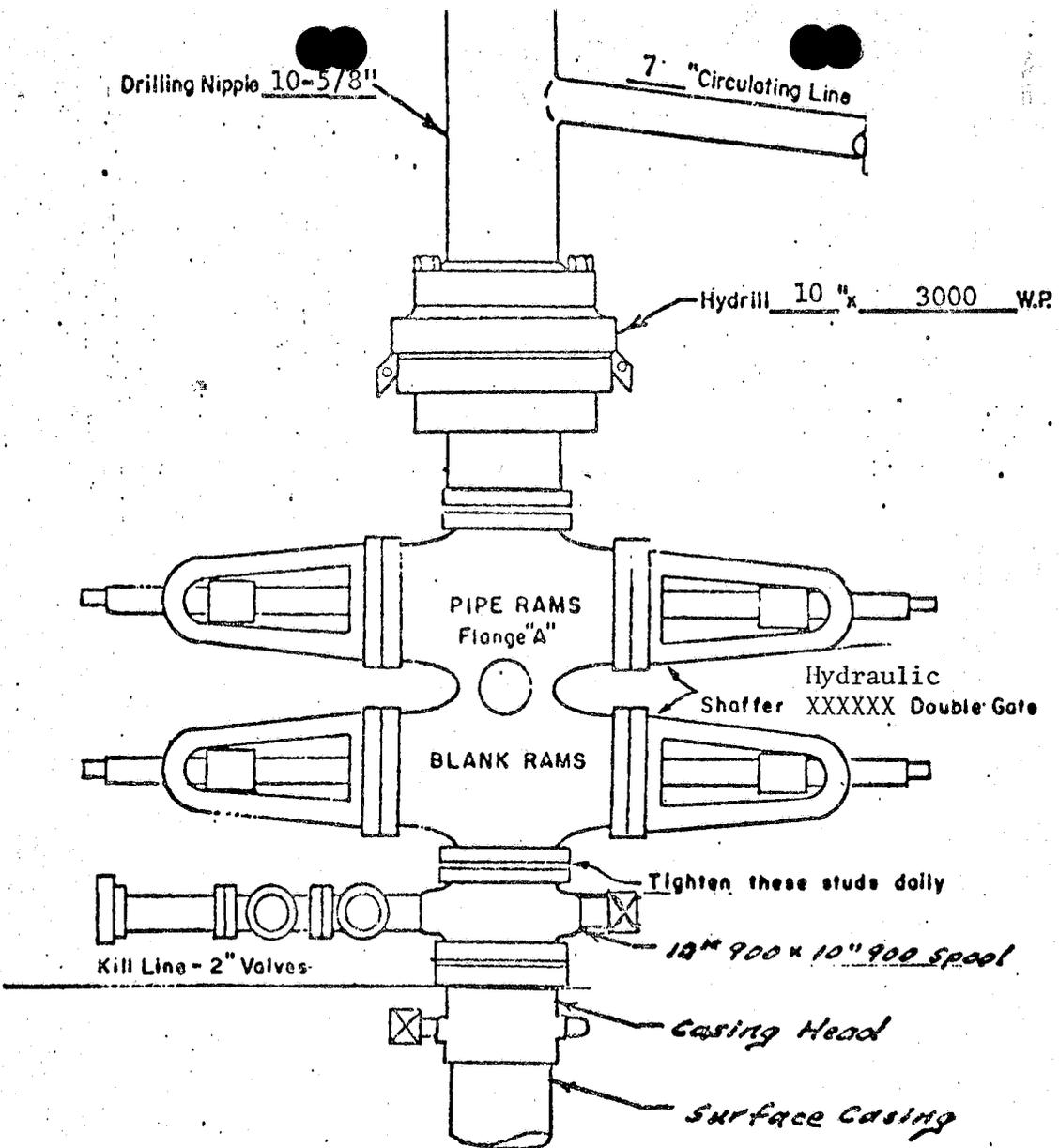
Emery

Rodeo Grounds

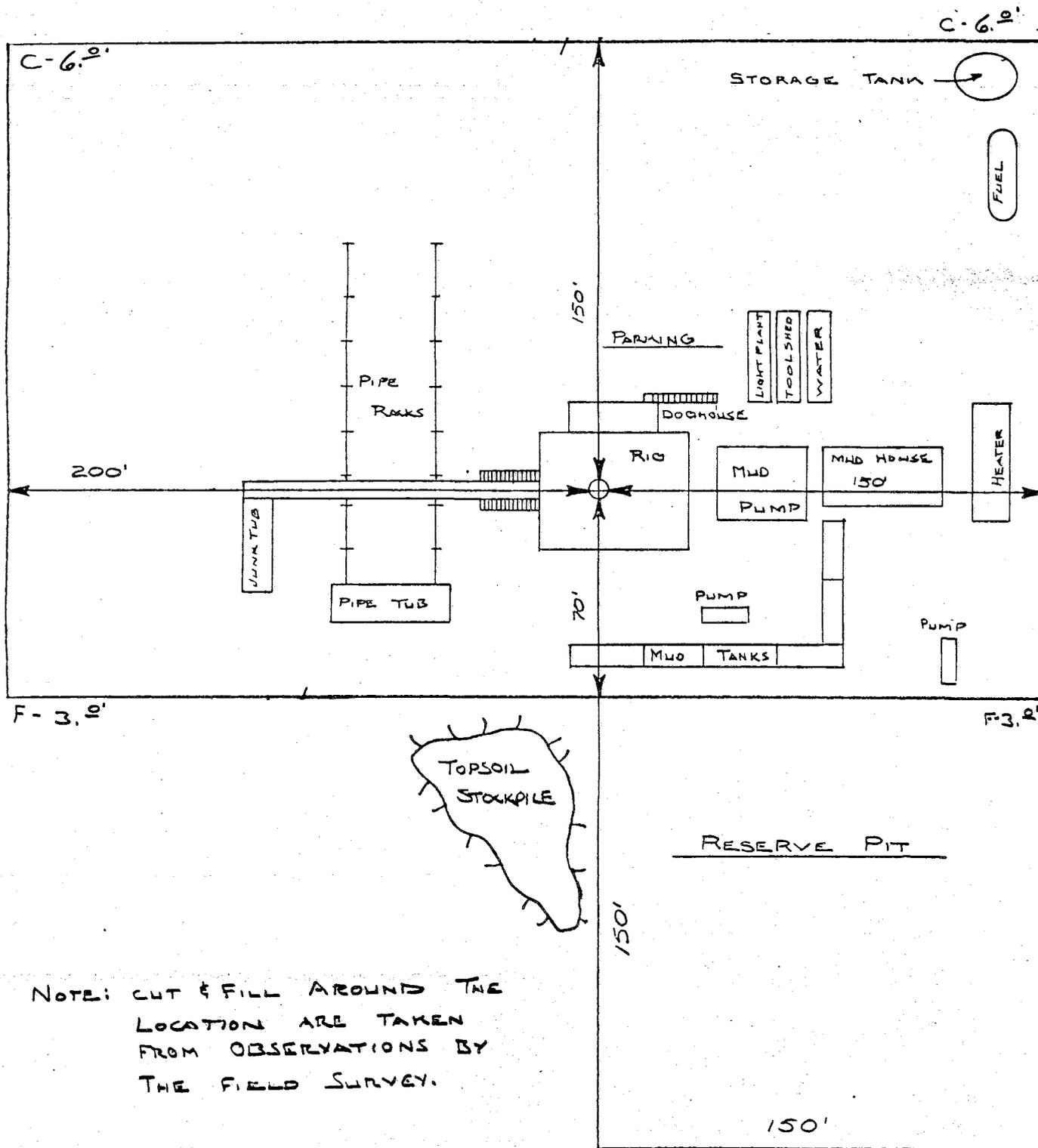
Subata



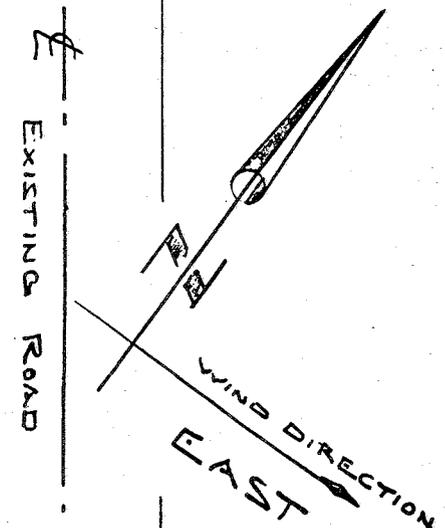
WELLHEAD DESIGN



WELL CONTROL EQUIPMENT



ODESSA NATURAL  
CORPORATION  
LOCATION LAYOUT  
FOR  
WELL LOCATION  
IN  
SECTION 36, T21S, R5E, S1B1M.



NOTE: CUT & FILL AROUND THE  
LOCATION ARE TAKEN  
FROM OBSERVATIONS BY  
THE FIELD SURVEY.

DATE 2-19-76  
SCALE 1" = 50'

WELL PLAN

LOCATION: Sec. 36, T21S, R5E  
Well No. 1  
Sevier County, Utah

1. SURFACE CASING: 9-5/8" OD 36 #/ft. K-55 ST&C new set @ approximately 400', cemented to surface.
2. WELLHEAD DESIGN: Attached
3. INTERMEDIATE CASING: 7" OD 23# N-80 & K-55 & 20# K-55 LT&C & ST&C New  
  
Liner or Production Casing - 4-1/2" OD 13.50# N-80 LT&C or SFJ-P Hydril new
4. BOP stack and choke manifold attached.
5. Auxiliary equipment to consist of Kelly cock and a sub on the derrick floor with a full opening valve to be screwed into drill pipe when the Kelly is not in the string.
6. Maximum anticipated bottom hole pressure @ total depth 1500 psi.
7. Drilling Fluids - Drill with fresh water-native mud to approximately 400', then with air or air-mist to top of Frontier formation, then with air or fresh water gel-chemical mud to TD. Maximum mud weight planned 9 to 9.5 PPG.

JJS/so  
12/4/75

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: March 1  
 Operator: Odessa Natural Corp.  
 Well No: Federal 36215-#1  
 Location: Sec. 36 T. 21N R. 5E County: DeWitt

File Prepared  Entered on N.I.D.   
 Card Indexed  Completion Sheet

Checked By:  
 Administrative Assistant: [Signature]  
 Remarks:  
 Petroleum Engineer/Mined Land Coordinator: [Signature]  
 Remarks:  
 Director: 7  
 Remarks:

*Pulled & COPY*

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No.  Blowout Prevention Equipment   
 Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site   
 O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit   
 Other:   
 Letter Written

March 2, 1976

Odessa Natural Corporation  
Box 3908  
Odessa, Texas 79760

Re: Well No. Federal 36215-#1  
Sec. 36, T. 21 S, R, 5 E,  
Sevier County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API Number assigned to this well is 43-041-30011.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: U.S. Geological Survey



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
June 9, 1976

Odessa Natural Corp.  
P. O. Box 3908  
Odessa, Texas 79760

Re: Well No. Fed. 36215 #1  
Sec. 36, T. 21S, R. 5E,  
Sevier County, Utah  
Well No. Fed. 3186 #1  
Sec. 3, T. 18S, R. 6E  
Emery County, Utah  
Well No. Fed. 11166 #1  
Sec. 11, T. 16S, R. 6E  
Well No. Fed. 34186 #1  
Sec. 34, T. 18S, R. 6E  
Emery County, Utah  
Well No. Fed. 33205 #1  
Sec. 33, T. 20S, R. 5E  
Sevier County, Utah  
Well No. Fed. 35215 #1  
Sec. 35, T. 21S, R. 5E  
Sevier County, Utah

Gentlemen:

In reference to above referred to wells, considerable time has gone by since approval was obtained from this office.

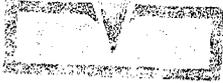
This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK



ODESSA NATURAL CORPORATION

1000 N. 1000 E.  
PO BOX 1000  
SALT LAKE CITY, UTAH 84110

June 24, 1976



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTENTION: Kathy Ostler, Records Clerk

Gentlemen:

- REFERENCE: Federal 36215 #1, Sevier County, Utah  
 Federal 3186 #1, Emery County, Utah  
 Federal 11166 #1, Emery County, Utah  
 Federal 34186 #1, Emery County, Utah  
 Federal 33205 #1, Sevier County, Utah  
Federal 35215 #1, Sevier County, Utah

This is to advise you that the above referenced wells have not been drilled as of this date. Presently, Odessa Natural Corporation is seeking approval to drill these wells from the United States Geological Survey.

We will certainly inform you of any activity and send the necessary forms when we commence drilling any of these wells.

Yours very truly,

ODESSA NATURAL CORPORATION

*John J. Strojek*

JOHN J. STROJEK  
Manager - Production Department

JJS/so

cc: C. D. Moore

324 25th Street  
Ogden, Utah 84401

(8100)

OCT 4 1976

Mr. Cleon B. Feight, Director  
Division of Oil, Gas, and Mining  
Utah Department of Natural Resources  
1583 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

In response to your inquiry regarding the Odessa Natural Corporation and its application to drill wells in Emery and Sevier Counties, we offer the following information:

Manti-LaSal National Forest personnel met with a representative of Odessa Corporation in the summer of 1975 and discussed the proposed drilling program. Odessa was informed of the necessity to submit its application and proposed operating proposal at the earliest date possible so that a field review could be completed before winter weather made this impossible.

On November 5, 1975, Mr. Chubb Moore, Odessa's representative, was again contacted and urged to submit an operating proposal. Odessa responded on January 12, 1976, but the area was snowed in and field inspection on the proposed site was not possible. The plan was returned to Odessa on January 14, 1976, for correction as there were errors in the land descriptions, and the 12-point operating plan needed modification. This action transpired about a month after State approval was granted.

A field inspection was scheduled for May 3, 1976, but due to schedule conflicts the examination took place July 7, 1976. As a result of this meeting, sites for two holes were agreed upon and sites for two other holes were dropped. The Forest Service, the U.S. Geological Survey, and Odessa each had their field representatives present during the field examination. There were no adverse comments or complaints received from Odessa at the time of the examination or subsequently.

Odessa representatives have knowledge and understanding of the mineral leasing laws and Forest Service regulations and the need to comply with the National Environmental Policy Act of 1969 in these matters. They also understand that an environmental analysis report will be prepared this winter so drilling can commence in the spring of 1977.

Like you, we are keenly aware of the mineral energy situation and the delays encountered in processing mineral leasing applications. However,

2  
our regulations and policies direct our field personnel to make an adequate on-the-ground review of such proposals prior to preparing an environmental analysis report and making recommendations on operating plans. We are making every effort to process lease applications as rapidly as the laws, regulations, and our limited financing will allow.

We believe the above comments adequately explain the Odessa situation. If additional information is required, please call on us for assistance.

Sincerely,

CLAUDE R. ELTON

*for*  
VERN HAMRE  
Regional Forester

cc:  
✓ Manti-LaSal NF  
M



DEPARTMENT OF AGRICULTURE  
OFFICE OF THE SECRETARY  
WASHINGTON, D. C. 20250

*1 in  
each  
Odessa  
file*

October 13, 1976

Mr. R. H. Prewitt, Jr.  
Independent Petroleum  
Association of Mountain States  
1214 Denver Club Building  
Denver, Colorado 80202

Dear Mr. Prewitt:

This replies to your September 17 letter about the burdens bearing upon the oil industry stemming from Federal regulations.

We looked into the Odessa Natural Corporation case you referred to in your letter. Based on information supplied by the Forest Supervisor of the Manti-La Sal National Forest, it appears that at least some of the delay in getting approval of the drill sites was not the fault of the Forest Service.

In mid-summer of 1975, Forest Service personnel came upon an Odessa representative, a Mr. Moore, who was staking a well site. Odessa's drilling proposals were discussed in detail with Mr. Moore then, and Forest Service personnel urged that Odessa promptly submit its proposals to the Geological Survey if Odessa wanted the drill sites approved expeditiously.

On November 5, 1975, Mr. Moore was again contacted by letter to suggest that Odessa submit its operating plans before inclement weather fore-closed the possibility of Geological Survey and Forest Service field inspections. Odessa did not furnish its operating plan until January 12, 1976. By then winter weather had made adequate field inspections impossible. Also the operating plan needed modification and the land descriptions were in error.

On July 7, representatives from the Geological Survey, the Forest Service and Odessa conducted a field review of the proposed drill sites. The Forest Service has tentatively approved three of the five drill sites. Final approval awaits completion of environmental impact studies. It seems that Odessa may choose not to drill on the other two sites. The costs of access road construction may be too high for one of the sites and the other appears to be poorly located geologically. Mr. Moore has been informed that the environmental studies will be completed this winter.

As you know, the Department of Agriculture and the Forest Service must comply with the requirements of the National Environmental Policy Act and operate in conformance with the Mineral Leasing Act, including Department of the Interior regulations issued pursuant thereto. To do

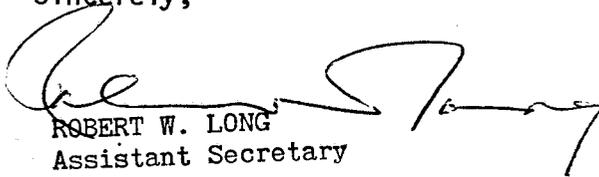
Mr. R. H. Prewitt, Jr.

2

otherwise would be to circumvent the intent of Congress that all operations conducted on public lands give due consideration to protection of the environment. Submission of operating plans well in advance is one way that the oil industry can avoid these delays.

You may be sure that this Department and its agencies will do everything possible to expedite discovery and production of badly needed oil and gas. In furtherance of this, the Manti-La Sal National Forest has a number of people specifically assigned to processing applications for oil leases and drill sites.

Sincerely,



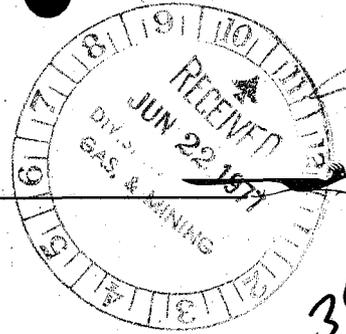
ROBERT W. LONG  
Assistant Secretary



ODESSA NATURAL CORPORATION

P.O. BOX 3908  
ODESSA, TEXAS 79760  
915-337-2811

June 14, 1977



*Handwritten notes:*  
36215  
Federal #1  
Chas sa  
A P I  
43-041-3001

UNITED STATES GEOLOGICAL SURVEY  
CONSERVATION DIVISION  
8440 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

ATTENTION: Mr. Edgar W. Gynn - District Engineer

Gentlemen:

REFERENCE: 10-POINT WELL CONTROL PLAN  
ODESSA NATURAL CORPORATION WELL NO. FEDERAL 36215 #1  
LEASE NO. U-15181, SEVIER COUNTY, UTAH

As per our telephone conversation on March 26, 1977, regarding the above, Odessa Natural Corporation hereby submits the following data.

( 1 ) Surface Formation: Federal 36215 #1 Price River (Tertiary)

( 2 ) Estimated Formation Tops: Mancos 200'  
Ferron 1750'  
Dakota 3250'

( 3 ) Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

Ferron 1750' Gas  
Dakota 3250' Gas  
TD 3450'

( 4 ) Casing Program: Surface: 10-3/4" OD 40.50#/ft. H-40 ST&C  
New. Set @ approximately 400', cement circulated to surface.

Intermediate: 7" OD 23.0#/ft. N-80 & K-55 LT&C &  
20#/ft. K-55 ST&C New

Liner or Production

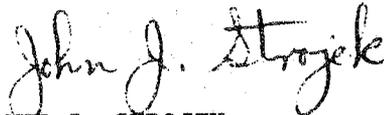
Casing: 4-1/2" OD 13.50#/ft. N-80 LT&C or  
SFJ-P Hydril New

June 14, 1977

- ( 5 ) Pressure control equipment and wellhead designs submitted originally. BOP's will be pressure tested to 3000 psi upon installation and checked daily for reliability. Schematic is attached.
- ( 6 ) Drilling Fluids: Drill with fresh water - native mud to approximately 400', then with air or air mist to top of Frontier formation, then with air or fresh water gel-chemical mud to TD. Maximum mud weight planned 9 to 9.5 PPG.
- ( 7 ) Auxiliary equipment to be used:
- |                                 |                              |
|---------------------------------|------------------------------|
| Kelly Cock                      | Sub on Derrick Floor         |
| Float @ Bit                     | with Full Opening Valve to   |
| Visual Monitoring on Mud System | be Screwed into Drill Pipe   |
|                                 | when Kelly is not in String. |
- ( 8 ) Testing will be in progress continually while drilling with air. DST's will be used if mud is used for a drilling media. No cores are planned. Electric logs: IES, FDC, Temperature, GR Correlation.
- ( 9 ) No abnormal pressures or temperatures are anticipated. No hydrogen sulfide gas is expected. Maximum anticipated bottom hole pressures are as follows: 1,500 psi.
- (10) Anticipated starting date for the well is August 1, 1977. Duration of operations is approximately 10 days.

Yours very truly,

ODESSA NATURAL CORPORATION



JOHN J. STROJEK

Manager - Production Department

JJS/so

att

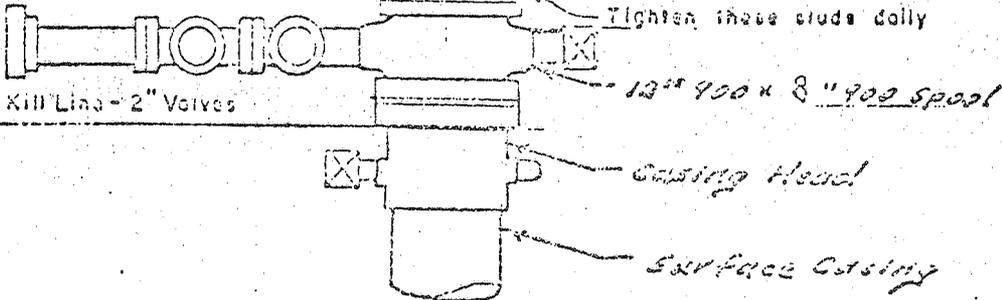
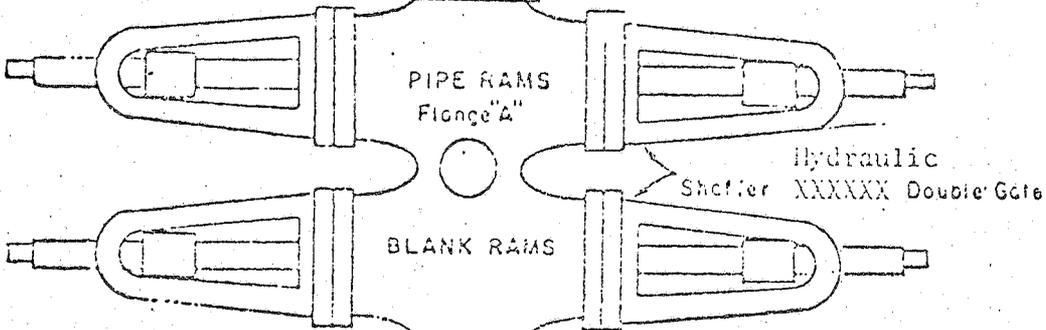
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 1/J. R. Mundell-Land  
 1/M. Buchanan-Land  
 1/W. W. Bell-Denver  
 1/J. Bowman-Acctg.  
 1/C. Moore-Production  
 1/Well File  
 3/State of Utah

Flow Line

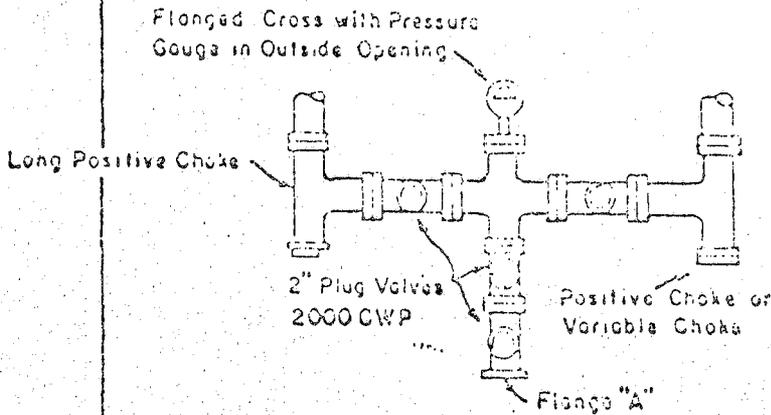
Valve  
6"  
3000 W.P.

Rotating Back-Off Head  
8" x 3000 W.P.

Hydrill 8" x 3000 W.P.



### PLAN VIEW - CHOKE MANIFOLD



WELL CONTROL EQUIPMENT

*State*



ODESSA NATURAL CORPORATION

P.O. BOX 3908  
ODESSA, TEXAS 79760  
915 • 337-2811

June 17, 1977



*Odessa Federal #1  
36215*

*AP.1  
43-041-30011*

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY - CONSERVATION DIVISION  
8440 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

ATTENTION: Mr. Edgar W. Guynn - District Engineer

Gentlemen:

REFERENCE: 13 POINT ENVIRONMENTAL PROGRAM - ODESSA NATURAL CORPORATION  
FEDERAL 36215 #1, SECTION 36, T21S, R5E  
SEVIER COUNTY, UTAH

In compliance with governmental requirements, Odessa Natural Corporation respectfully submits the following revised data to supplement the Application for Permit to Drill the above referenced test well.

1. Existing Roads

Access to location is afforded west from Emery, Utah, one mile on paved road, thence approximately 4.2 miles to location on graded road.

2. Planned Access Roads

Existing roads are to be used to location. Improvements on access road will consist of the following:

- (a) Minimum cuts and fills
- (b) Maximum width of 20'
- (c) Side drain ditch on each side
- (d) Culverts placed as needed to maintain normal flow in existing drainages
- (e) No turnouts, gates or cattleguards required
- (f) No surface material required

### 3. Location of Existing Wells

There are none of the following wells within a two mile radius of proposed location.

- (a) Water wells
- (b) Abandoned wells
- (c) Temporarily abandoned wells
- (d) Disposal wells
- (e) Drilling wells
- (f) Producing wells
- (g) Shut-in wells
- (h) Injection wells
- (i) Monitoring or observation wells for other resources

### 4. Location of Existing and/or Proposed Facilities

- (a) There are none of the following existing facilities owned or controlled by operator within a one mile radius.
- (b) In the event that production is established, a gas production unit and 300 bbl. stock tank will be set on location. The production unit will occupy a 12' x 12' plot of ground; and approximately 50' to 100' away, the 300 bbl. tank and stairway will occupy a 15' x 25' plot of ground. The gas production line from the wellhead to the production unit will be buried underground with approximately 6' cover. From the gas production unit, the gas purchaser will lay his buried line to his pipeline. The production unit will be totally enclosed for weather proofing via a metal building to also minimize hazards to wildlife. If necessary, a wire fence will be installed to enclose production facilities.
- (c) Disturbed areas no longer needed for operations will be restored to original conditions: top soil replaced, contoured, and reseeded as per Environmental Analysis report.

### 5. Location and Type of Water Supply

Water will be trucked to location via existing roads from Emery, Utah, approximately 5 miles east of location.

### 6. Source of Construction Materials

None required.

### 7. Methods for Handling Waste Disposal

An unlined earthen pit will be constructed as per dimensions on plat submitted on original application to contain drill cuttings and mud. Reserve pits will be so constructed to insure that no leakage, overload flow or pit failure will occur. Produced fluids and any other

wastes that might be detrimental to plant or animal life will be disposed of in a sanitary landfill. Minimal amounts of mud laden fluid will be accumulated. Air drilling is planned to drill the majority of the hole.

The unlined earthen pit will be enclosed on three sides to restrict entry of wild game and cattle.

All trash and garbage will be kept in containers and hauled to a sanitary landfill.

Portable toilet facilities will be set up on location for human waste.

Upon completion of operations, well site will be cleaned up of any remaining garbage, hazard substances and fences removed.

All internal combustion engines will be equipped with approved mufflers or spark arrestors during periods of fire danger.

During drilling operations, a fire tool cache will be located on each drill site. This cache will consist of a minimum of two pulaskis and three shovels in a sealed box plainly marked for "fire use only."

#### 8. Auxiliary Facilities

No camps or airstrips are planned.

#### 9. Well Site Layout

As submitted. If necessary, wellhead will be enclosed in a concrete cellar below ground level.

#### 10. Plans for Restoration of Surface

During construction of well site, top soil will be removed and stock-piled. After completion of both drilling and completion operations, the earthen reserve pit will be totally enclosed by wire fence to facilitate evaporation prior to covering. The drill site pad will be ripped and restored to its original grade. The stored top soil will be spread over it to insure a good medium for any plant growth. Any portions of the drill site necessary for well operations and accessory road will be reduced to minimal width and length if production is encountered. If production is not encountered, all disturbed areas will be restored as stated above, including reseeding as per Forest Service directives. This proposed work will be undertaken as soon as possible upon completion of operations in the area, (October, 1977).

#### 11. Topography

The location area is generally sloping to the southeast consisting of

June 17, 1977

steep hillsides, deep canyons, gullies and washes trending northwest to southeast. Rock out croppings are evident along the steeper hillsides. There is some flat country along the tops of the plateaus and in the bottom of the canyons. This semi-arid to arid area is vegetated with heavy juniper and pinion forest with large clearings along the steeper hillsides, down in the flats, and on top of the plateaus. General vegetation is juniper and pinion forest, sagebrush, and native grasses. Drainage is generally steep at first then leveling out in the major drainages and is intermittent in nature running occasionally in the springtime and then to the southeast into the annually flowing Quitchupah Creek. The vegetation supports moderate cattle and sheep grazing. Wildlife is predominantly deer, coyotes, and a variety of small mammals and birds. A steep hillside rises to the north of the location site then levels out to approximately an 8% grade through the location and drops sharply into the Link Canyon drainage where it parallels the location approximately 1000' to the south. Two large washes, one on the east and one on the west, parallel the location and intersect the Link Canyon drainage to the south of the location. The location site is to be built parallel and adjacent to the existing access road. The immediate area surrounding the location site is predominantly heavy pinion and juniper forest. No dwellings present. Archeologist will inspect.

12. Operator's Representative: C. D. Moore  
 Area Production Foreman  
 Mobil Phone: 337-5876 AC 915  
 (Mr. Moore will be living in immediate area of drilling operations.)

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which 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 ODESSA NATURAL CORPORATION and its contractors and sub-contractors in conformity with this plan and conditions under which it is approved.

DATE: June 20, 1977

C. D. Moore  
 C. D. MOORE, AREA PRODUCTION FOREMAN

Yours very truly,

ODESSA NATURAL CORPORATION

John J. Strojek  
 JOHN J. STROJEK  
 Manager - Production Department

JJS/so  
 att

USGS

-5-

June 17, 1977

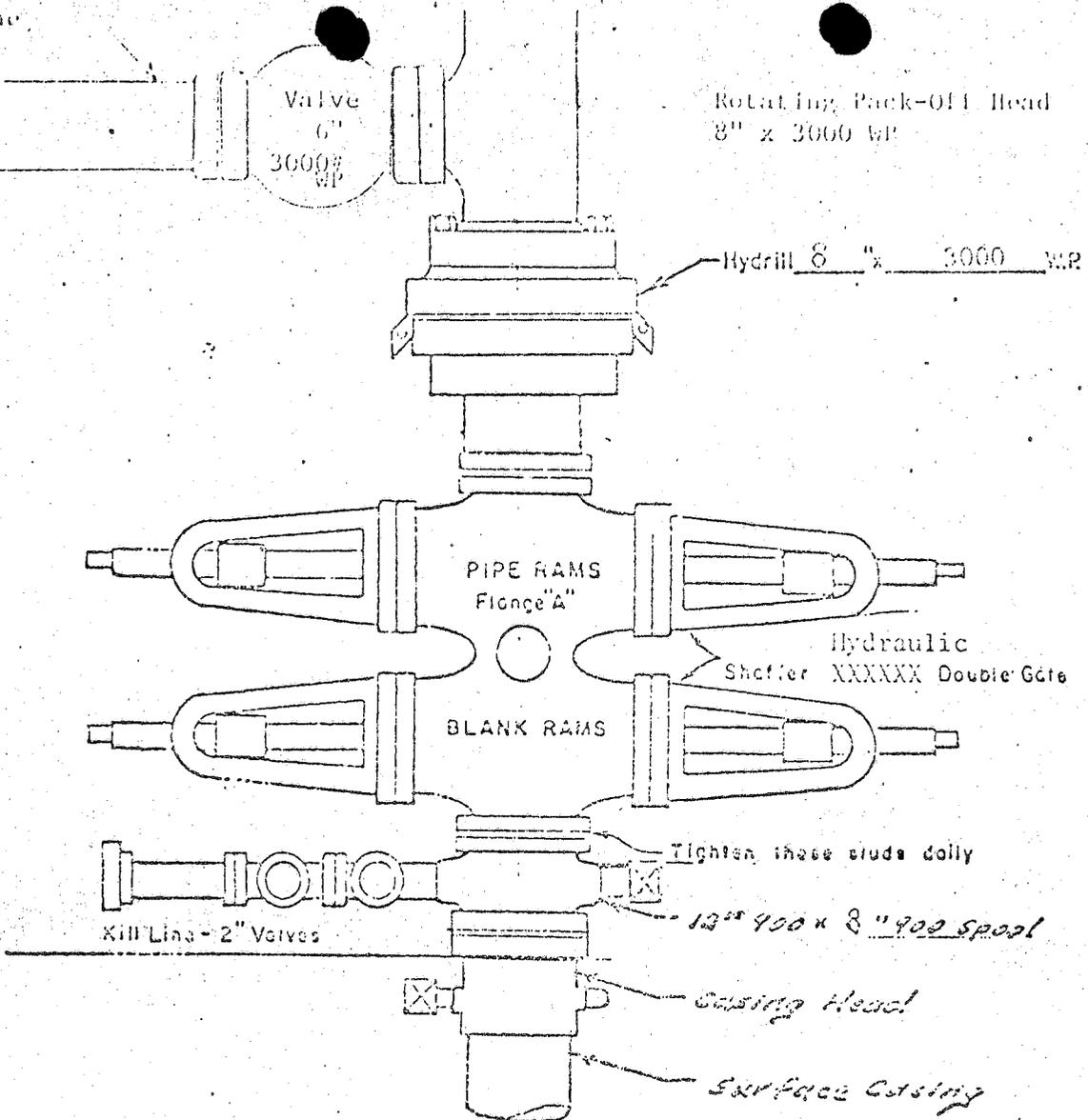
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Flow Line

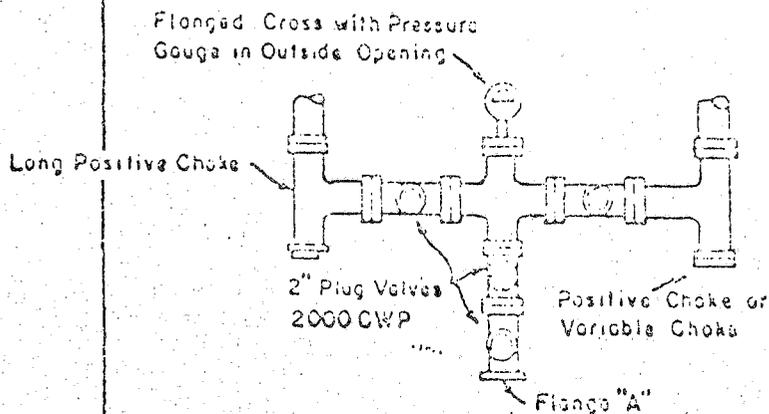
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Hydrill 8" x 3000 W.P.



### PLAN VIEW - CHOKE MANIFOLD



WELL CONTROL EQUIPMENT



UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
324 25th Street  
Ogden, Utah 84401

M



2820

JUN 1 1979



Mr. Cleon Feight  
Director  
Division of Oil, Gas, and Mining  
Utah Department of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

This is in response to your concerns expressed at the Utah Affairs Meeting about access to oil and gas drill sites leased to Odessa Natural Corporation.

Four of the six oil and gas drill sites are located on the Manti-LaSal National Forest. Lease U-15181 is on Bureau of Land Management land and another on State land. We do not know the status of the Bureau of Land Management lease.

We have received the following information from the Manti-LaSal National Forest concerning these four oil and gas drill sites.

The Environmental Assessments for lease U-15089, located in Section 33, T. 20 S., R. 4 E., and lease U-15191, located in Section 34, T. 18 S., R. 6 E., were approved on April 14, 1977. Copies of the approved Environmental Assessments have been sent to the U.S. Geological Survey. These two sites are approved for drilling.

We do not know the status of lease U-15205, located in Section 11, T. 16 S., R. 6 E. Odessa has apparently dropped this well drilling from their program. We think this was due to the high cost of constructing a road to the site on East Mountain. Reportedly, they are considering the construction of the road as a joint undertaking with another corporation desiring to drill in the same area.

Lease U-15198 is in Section 3, T. 18 S., R. 6 E., within Straight Canyon, between the Creek and Highway 29. This site was environmentally unacceptable and an alternate site was suggested. To date, no response has been received.

Odessa Natural Corporation was again contacted on April 1, 1978, and urged to start drilling as soon as possible. No response has been received since that time.

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We also direct you to our October 4, 1976, letter concerning your similar inquiry about Odessa (copy enclosed).

If you have any further questions, please let us know.

Sincerely,



*for* JEFF M. SIRMON  
Deputy Regional Forester  
Resources

Enclosure