

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Texas International Petroleum Corporation (Mid States Division)

3. ADDRESS OF OPERATOR
 2200 N.W. 50th Street, Suite 200, Oklahoma City, OK 73112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface

At proposed prod. zone
 NENE
 700' FNL, 770' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8.4 miles west of Castledale, Utah

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 700'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6663' GL

16. NO. OF ACRES IN LEASE
 2118.4

19. PROPOSED DEPTH
 10,000'

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80 acres

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 June 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	133	120'	Circ. to surface
12 1/2 & 17 1/2	13 3/8"	54.5	3000	300 sxs + 200' at top
12 1/2	9 5/8"	53.5	7300'	500 sxs Pozmix
8 1/2	5 1/2"	15.5 & 17.0	10,000	500 sxs Pozmix

Attachments:

Original approved 9-331 C
 Rig Equipment Layout

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 10-28-81

BY: *M. S. Mander*

*Will require a min. of 5000' WP
 BOP and related equipment*

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 *Jim F. Mc Cormick* TITLE Agent DATE Aug. 11, 1981

(This date for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY *RA Henrich* FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE AUG 28 1981

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

Production Facilities and Flowline NOT Approved

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4 DATED 1/1/80

Operator

ROADS & ACCESS TO LOCATION
2-MILE RADIUS OF WELLS & WATER
Tiger #41-33 Federal

ADVANTAGE GROUP
SUBJECT TO TERMS
F
THE CAP QUADRANGLE
UTAH-EMERY CO
7.5 MINUTE SERIES (TOPOGRAPHIC
NOT CORRECT DUE TO DISTORTION)

R8E

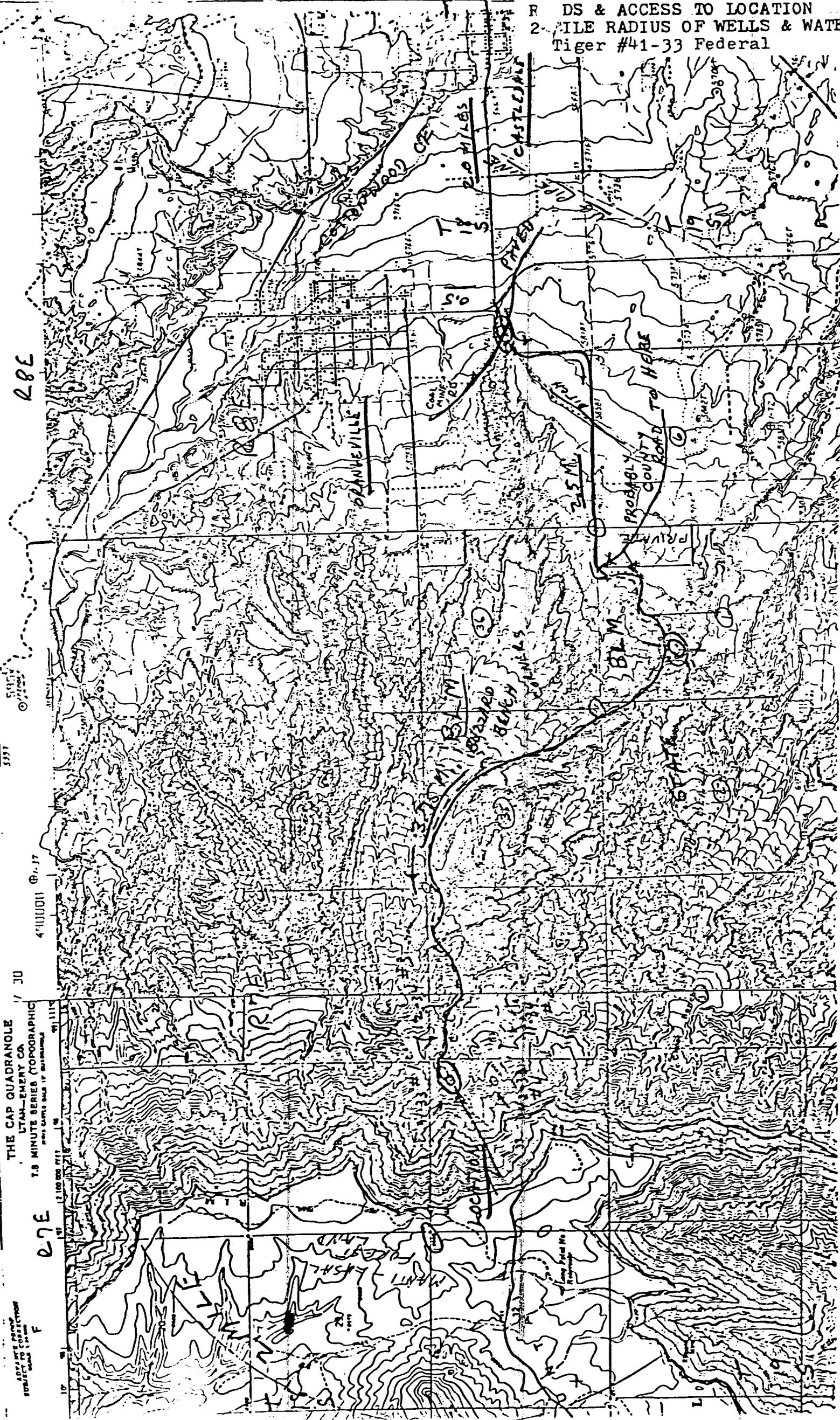
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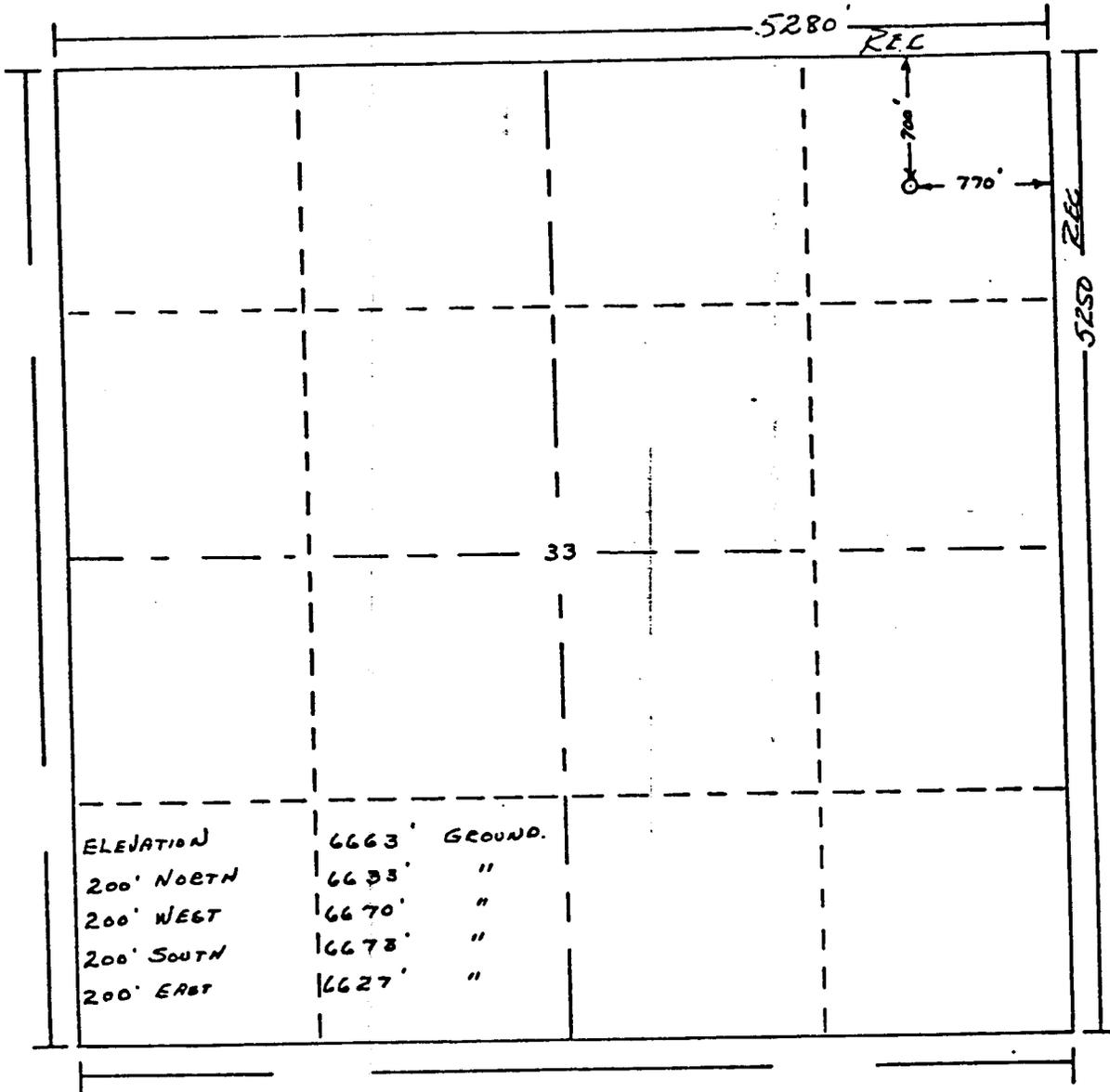




LOCATION AND ELEVATION PLAT

#41-33 Federal

R. 7 E.



T.
18
S.

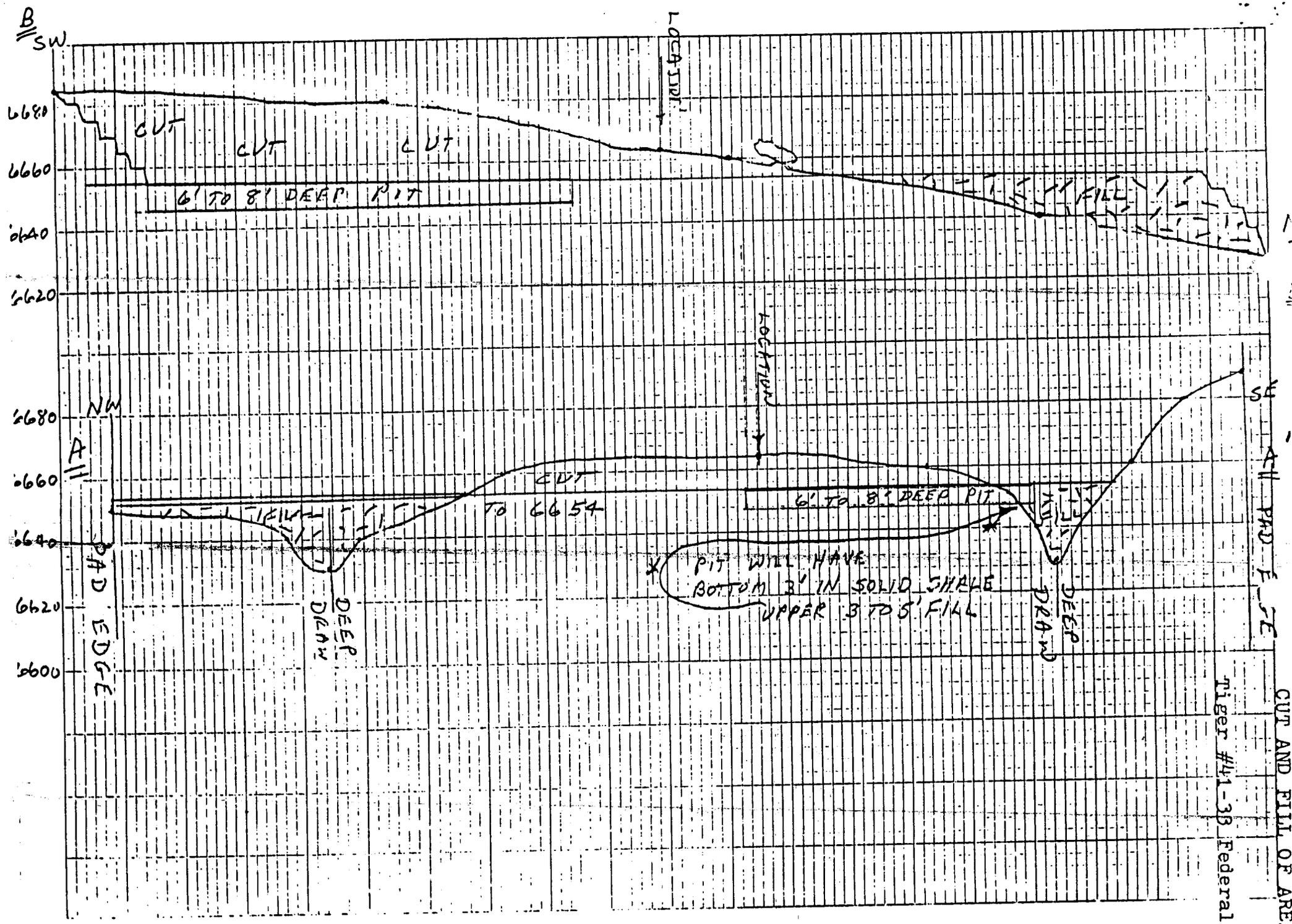
Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from *GEORGE FENTRESS*
 for *TIGER OIL COMPANY*
 determined the location of #41-33 FEDERAL
 to be 700' N & 770' E Section 33 Township 18.S.
 Range 7.E. OF THE SALT LAKE PRINCIPAL Meridian
EMERY County, *UTAH*

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #41-33 FEDERAL

Date: 10-26-79

T. Nelson
 Licensed Land Surveyor No. 2711
 State of *UTAH*



Triger #41-38 Federal

CUT AND FILL OF AREA

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-18863

and hereby designates

NAME: Texas International Petroleum Corporation
ADDRESS: 3535 N.W. 58th Street, Suite 300
Oklahoma City, Oklahoma 73112

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

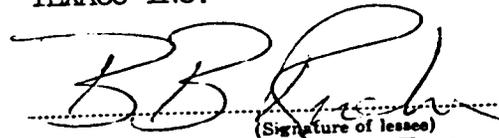
Township 18 South, Range 7 East, S.L.M.
Section 33: NE $\frac{1}{4}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

TEXACO INC.


.....
(Signature of lessee)

Agent and Attorney-in-Fact
Post Office Box 2100
Denver, Colorado 80201

.....
(Address)

May 14, 1981

.....
(Date)

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Texas International Petroleum Corp. Well No. 41-33
Location Sec. 33-185-7E Lease No. 71-18863

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Supervisor must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

Operator

4. The spud date will be reported orally to the District Supervisor's office within 48 hours after spudding. If the supdding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Supervisor's office on a frequency and form or method as may be acceptable to the District Supervisor.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with the U.S. Geological Survey Accounting, P.O. Box 2859, Casper Wyoming 82602.

Any change in the program must be approved by the District Supervisor, "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6 and prior approval by the District Supervisor.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (~~involved~~) involved at this location. Accordingly, you (must) (~~must~~) notify the Surface Management Agency at least ~~(48)~~ (48) hours prior to commencing field operations to allow the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: Reed Christensen
Office Phone: 801-637-2817, Home Phone: _____
City: Price, State: Utah

The U.S. Geological Survey District office address and contacts are:

Address:	<u>2000 Administration Building, 1745 West 1700 South, SLC, Utah 84104</u>	
Office Phone:	<u>(801) 524-4590</u>	
District Supervisor	<u>E. W. Gynn</u>	Home Phone: <u>(801) 582-7042</u>
District Drilling Engineer	<u>W. P. Martens</u>	Home Phone: <u>(801) 466-2780</u>
District Production Engineer	<u>R.A. Henricks</u>	Home Phone: <u>(801) 484-2294</u>
Staff Engineer	<u>A.M. Raffoul</u>	Home Phone: <u>(801) 484-2638</u>

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" must be filed and approved by the District Supervisor, prior to commencing completion operations. All conditions of the approved Application for Permit to Drill are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Supervisor's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval of any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

12. _____

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

Texas International Petroleum Corp.
Well No. 41-33
Sec. 33-18S-7E
Emery County, Utah
Lease No. U-18863

Supplemental Stipulations:

1. A preconstruction meeting with the USFS, TIPCO and the construction contractor, the BLM and the dirt contractor will be arranged prior to any construction.
2. A 24 inch culvert will be installed in the draw on Forest Service land just inside the boundary. Remove the culvert at the end of the project and place a dip in the gully crossing.
3. A 12 inch berm will be placed around the entire drill pad and gravel pad surface.
4. Slope or ditch the drill pad so everything will drain into the pit.
5. A 3 foot deep diversion ditch will be installed across top of cut bank to intercept and divert water from above the drill pad.
6. A removable garbage bin will be used. A trash pit will not be allowed. All trash, wastes, non-flammable wastes, salts, chemicals, noxious spills and substances, and other dangerous or harmful materials will be removed from the Forest..
7. A 10 foot minimum buffer zone of no surface activity will be provided between the location and the powerline.
8. Leakage from the mud pit will not be allowed.
9. Six inches of gravel will be spread over the location and along the newly constructed access road.
10. If is necessary for the reserve pit to be located on the north side of the pad, the following construction requirements will be followed:
 - a. The area on which the embankment is to be placed will be cleared of all materials including vegetative matter, topsoil and unconsolidated soils.
 - b. A cutoff trench at least 5 feet deep and 6 feet wide will be excavated in native material, backfilled with impermeable material and compacted to 95% Proctor density.
 - c. The embankment will then be constructed, using impermeable materials on slopes of 3:1 into the pit and 2:1 outside the pit. The materials will be compacted to 95% Proctor density. The embankment will have a minimum 10 foot top width.

d. A minimum 2 foot freeboard will be maintained in the pit at all times during the drilling operation.

11. Drainages passing through the site will be reopened after work is completed.

12. Backfilling, leveling, revegetation and contouring will be accomplished as soon as possible after the well is completed. Waste materials, spoils or any other noxious substances will be removed immediately after the rig is moved from the location.

13. Any oil spills and bad materials at the drill site will be cleaned up and removed from the Forest.

14. The pits will be filled and leveled as soon as possible after drilling is completed.

15. The drill site will be fenced until vegetation is established, then the fence will be removed.

16. Gravel will be removed from the drill pad. The pad will be leveled, the surface broken up and reseeded with the following mixture:

<u>Grasses</u>	<u>Species</u>	<u>Lbs/Acres</u>
Indian ricegrass	Oryzopsis hymenoides	4
Fourwing saltbush	Atriplex canescens	2
Castle Valley clover	A. cuneata	2
		(if available)

Reseeding should start no earlier than September 15th and be completed no later than November 15th.

17. Any area disturbed by roadwork will be contoured to slope and reseeded with a mixture of grasses, forbs and shrubs at a rate of 12 pounds per acre. The soil should be roughened, the seed broadcast and lightly harrowed into the ground. The reseeded should start no earlier than September 15th and be completed no later than November 15th.

<u>Grasses</u>	<u>Species</u>	<u>Lbs/Acres</u>
Indian ricegrass	Oryzopsis hymenoides	4
Russian wildrye	Elymus junceus	4
<u>Forb</u>		
Sweet clover	Melilotus officinalis	2
<u>Shrub</u>		
Fourwing saltbush	Atriplex canescens	2

18. There will be no material piled or pushed into any natural drainage while road construction is being done.

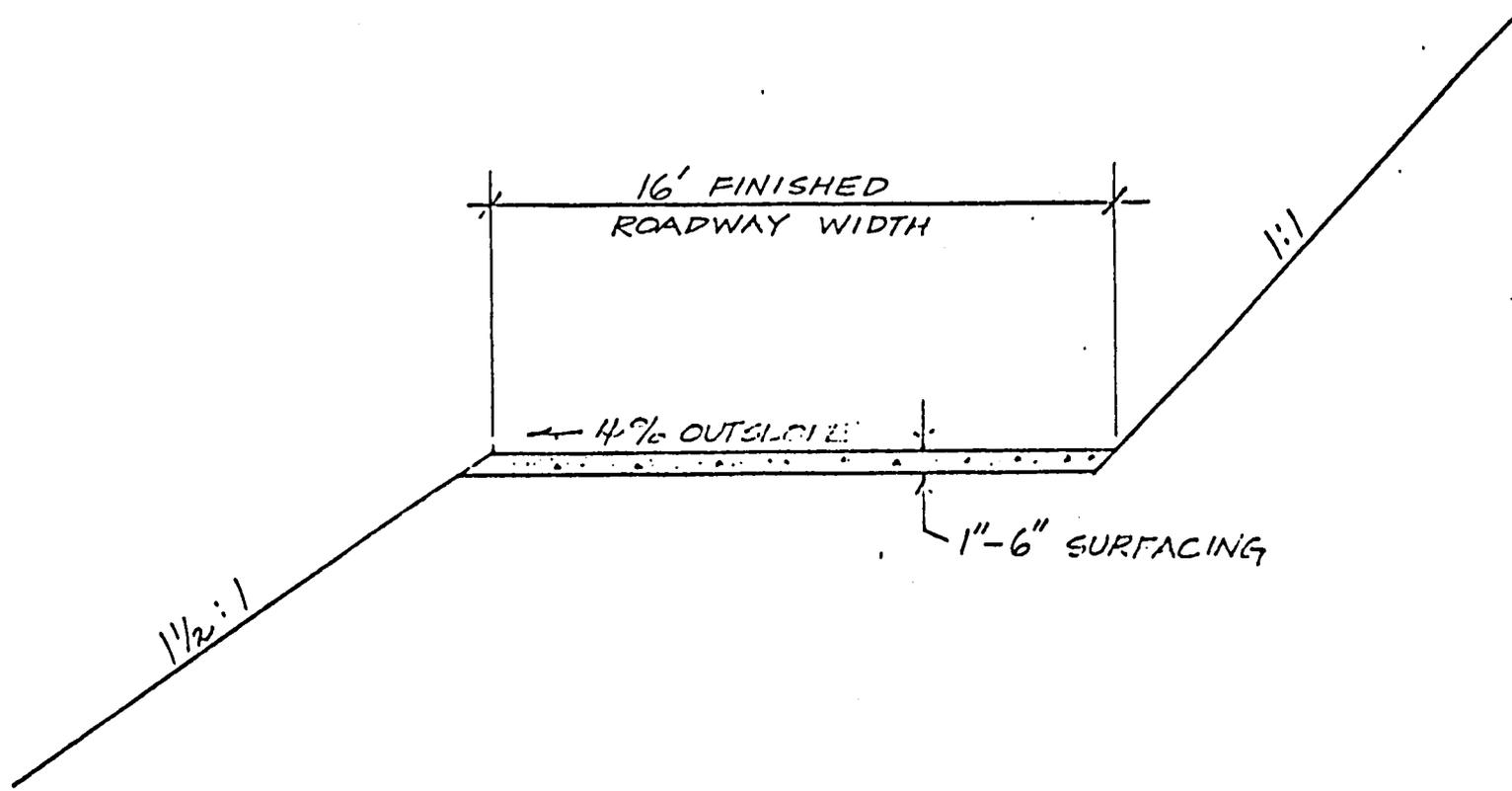
19. The access road will be returned to a standard 16 foot subgrade cross section after completion of the project. The road will be outsloped and dips constructed to prevent erosion. See attached drawing.

20. No gravel will be obtained from lands managed by BLM without a permit.

21. Every effort will be made to minimize disturbance to the deer in this area. Raptor nest or roost trees will not be disturbed. If a snake den is located, it will be reported to the BLM.

22. If the well is completed for production, this office requires additional information on the production facilities, i.e. actual production facilities to be installed.

23. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Ferron sandstone. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.



16 FT. TYPICAL ROADWAY SECTION

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

Attached to Form 9-331 C
Texas International Petroleum Co.
#41-33 Federal
700' FNL 770' FEL Sec. 33-T18S-R7E
Emery County, Utah

1. The Geologic Surface Formation of the drill site location is heavily weathered grey gummy Mancos Shales, with large rock remnants, tilted in most cases, of the overlying sandstone cliffs of the Mesaverde.

2. The Estimated Geologic Markers are:

Emery Sandstone	700	Glen Canyon	7400
Middle Mancos	2000	Moenkopi	8300
Ferron-Cedar Mountain	3500	Kaibab	9300
Morrison-Summerville Curtis	5000	TOTAL DEPTH*	9550
Entrada-Carmel	5900		

3. Estimated depths of Anticipated Water, Oil, Gas or Minerals:

Emery Sand	Water	Moenkopi	Gas or water
Ferron-Cedar Mountain	Gas or water	Kaibab	Oil or Gas

4. The Proposed Casing Program:

(a) Set 1000' of new 9 5/8" K-55 ST&C 36# surface casing in 12 1/4" hole. Cement with 500 sacks Posmix, 2% gel, 2% CaCl. Circulate cement to surface.

(b) If production is found, run 2,350' 5 1/2" new K-55 17.0# ST&C on bottom, with 6950' new K-55 15.5# ST&C in middle and 250' 15.5# LT&C on top. Cement with 300 sacks Posmix, 2% gel and 2% CaCl.

5. The minimum specification for Pressure Control:

is shown in Exhibit "C", a schematic diagram of the blow-out preventer planned for use. The B.O.P. will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period. The blind rams and annular preventer will be checked each time pipe is pulled out of the hole. All testing will be recorded in the daily drill sheets. Accessories are upper and lower kelly cock, floor safety valve, drill string B.O.P. and choke manifold with pressure rating equivalent to the B.O.P. stack.

6. The Mud Program:

for any depth of drilling at this location will be an inhibited system of fresh water and gel-chemicals to total depth. Mud weights of about 9.6#, viscosity of between 45 and 5 and 7cc water loss, or less, will be used while drilling the productive formation.

7. The Auxilliary Equipment to be used:

- (a) A kelly cock will be used in the string at all times.
- (b) A float will be used at the bit at all times.
- (c) A gas detecting device may be used in the system, possibly.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly cock is not in the string.

8. The Testing, Logging, Coring and Production Program:

- (a) All valid shows of oil or gas will be drill stem tested or adequately evaluated from log or other means.
- (b) A Dual Induction Laterolog, B. sur. csg. to T.D.;
Comp. GR-Den-Neutr, B. surf csg. to T.D.;
- (c) A mud logging (gas detecting) unit may be used from the Emery Sand to T.D.
- (d) No cores are anticipated.
- (e) If production is obtained, or production casing set, then it is anticipated to use a mud clean-out acid in sands of no more than 1000 gallons 15% MCA, with inhibitors, and, pending permeability to sandfrac up to 20,000 gallons gel, with 30,000# sand. or more if recommended, spearheaded with tension breakers at pressures not to exceed 4000#. The drill pad is designed to accomodate all drilling and production and treatment equipment.

9. Any Anticipated Abnormal Pressures or Temperatures Expected:

No abnormal pressures or temperatures or other noxious materials or gasses have been noted or reported for this area or in the wells drilled previous to this. No hydrogen sulphide or other hazardous gasses or substances have been noted to exist here.

10. The Anticipated Starting Date and Duration of Operations:

The anticipated starting date is set for September 15, 1981.

The operations for drilling should take no more than ~~two months~~ after the commencement of drilling, to reach casing point of total depth.

TEXAS INTERNATIONAL PETROLEUM CORPORATION

DRILLING PROGNOSIS

LEASE: Federal

WELL NO.: 41-33

FIELD: Wildcat

STATE: Emery County, Utah

LOCATION: NENE 700' FNL, 770' FEL
Sec.33, T18S, R7E

PROJECTED TD: 10,000'

ELEVATION: 6663' GL

OBJECTIVE: Devonian

DRILLING, CASING AND CEMENTING PROGRAM:

1. Level location, dig mud pits; set and cement to surface 20", 133 lb/ft conductor casing to 120' with dry hole digger.
2. MI and RURT.
3. Drill 12½" hole to 3200'± (below Mancos shale section). Open hole to 17½" and run 13 3/8" casing with 2 1/16" parasite tubing attached on outside.
 - a) Test shows in ferron sandstone as required.
 - b) Run open hole logs in 12½" hole before opening hole to 17½", log as requested by geologists.
4. Cement 13 5/8" with 300 sxs of Pozmix and tail-in w/100 sxs of neat cement containing 3% CaCl₂.
 - a) Run 200' of tubing and do a top job of neat cement and 3% CaCl₂.
 - b) W.O.C. at least 8 hours before cutting of 13 3/8".
5. Install 13 3/8" - 3000 head and base plate.
 - a) Nipple up BOP stack and test stack and manifold with Yellow Jacket or equivalent company.
6. Hook up two air compressors and a booster for air circulation through parasite tubing.
7. Drill out with 12½" bit far enough to bury stiff BHA.
 - a) POH and pick up packed hole assembly to drill ahead.
8. Drill 12½" hole to 7300'± or just below Navajo sand.

(OVER)

- a) Watch for increase of mud salinity just above Navajo--
This will indicate presence of salt section which may or
may not cause future problems.
 - b) White anhydrite stringers above Navajo may also be present
as casing marker points.
9. Running 9 5/8", 53.5 lb/ft, S-95 casing will be made at this
time.
- a) If severe hole problems of sloughing shale, salt contamination or
lost circulation is encountered--then the hole will be logged,
if possible, and 9 5/8" casing will be run and cemented.
 - b) If no severe hole conditions are encountered by this depth, then
a decision may be made to reduce hole size to 8 1/2" and drill
ahead to T.D.
10. Drill ahead to T.D. based upon conditions in Item No. 9 above.
- a) Test and run logs as required.
11. Run 5 1/2" production casing if further well evaluation is required
or P&A as requested by U.S.G.S.
12. Production test well through 5 1/2", or
13. Move out rotary tools, clean up and rehabilitate road and location
per stipulations of federal and state agencies.

<u>MUD PROGRAM:</u>	<u>INTERVAL</u>	<u>TYPE</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>COMMENTS</u>
	0-3200	Lime/Gel	8.6-9.0	40-45	Spud mud, fresh water Use air and filming amines for corrosion Chemical treatments required for anhydride contamination.
	3200-7300	LSND	9.0	40-45	
	7300-10000	LSND	9.0-9.5	45-50	

BLOWOUT PREVENTORS:

- Use series 5000 double ram hydraulic blowout preventors.
3000 GK Hydril, Grant Rotating
Head _____.
- Nippling up, test blowout preventor and choke manifold to full working pressure with cold water, or as directed by Company representative.
- PREVENTORS MUST BE CHECKED FOR OPERATION EVERY 24 HOURS, AND THE CHECK MUST BE RECORDED ON THE A.A.O.D.C. DRILLING REPORT SHEET.
- All choke manifolds, lines, and valves will be located at the side of and a minimum of 10 feet away from the substructure.

CORING:

NONE

DRILL STEM TEST:

As required by shows and Geologists

LOGGING:

DILL, Sonic, Density-Neutron

SAMPLES: (As directed by well site geologist)

10' samples from spud to T.D.

MUD LOGGING:

YES

DRILLING TIME:

A mechanical recorder with Rate of Penetration, Hook Load and torque will be used from spud to total depth.

FORMATION TOPS:

Surface	Upper Mancos Shale	5050	Entrada SS	8510	Lower Moenkopi
550	Emery SS	5750	Carmel LS	8750	Kaibab (Fracture)
1150	Middle Mancos Shale	6550	Glen Canyon (Navajo)	8900	White Rim SS
2650	Ferron SS	7450	Chinle	9020	Toroweap LS
2875	Lower Mancos Shale	7750	Upper Moenkopi	9250	Madison (Miss.)
4175	Morrison	8370	Sinbad LS & Dolo.	9550	Devonian

DRILL PIPE MEASUREMENTS:

1. Drill pipe will be tallied at all coring, testing, logging, and casing points.
2. At other points as directed by Company representative.
3. CATWALK, V-DOOR AND MOUSE HOLE WILL BE CLEARED OF ALL DRILL PIPE AND DRILL COLLARS WHEN DRILL STRING IS BEING STRAPPED OUT OF OR INTO THE HOLE EXCEPT FOR D.P. AND D.C.s THAT GO INTO THE HOLE.

HOLE DEVIATION:

1. Deviation surveys shall be taken every 300 feet or each trip, whichever occurs first, and at other times as deemed necessary by Company representative.
2. Maximum deviation shall be allowed as follows:
 - A. A maximum of 1 degree on surface hole.
 - B. Maximum rate of change in deviation below surface casing shall not exceed 3 degree(s) per 100 ft., 1 degree(s) per 1000 ft., or a total of 10 at T.D.
3. Record each survey on the A.A.O.D.C. Drilling Sheet.

CASING PROGRAM

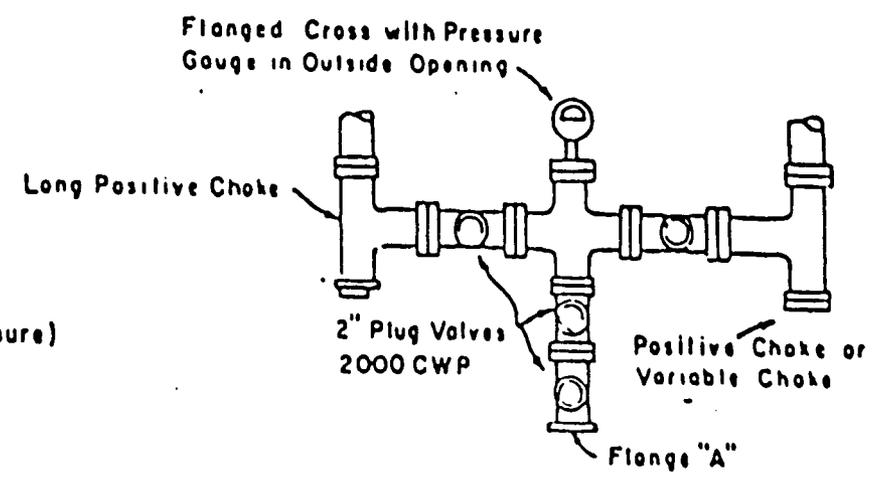
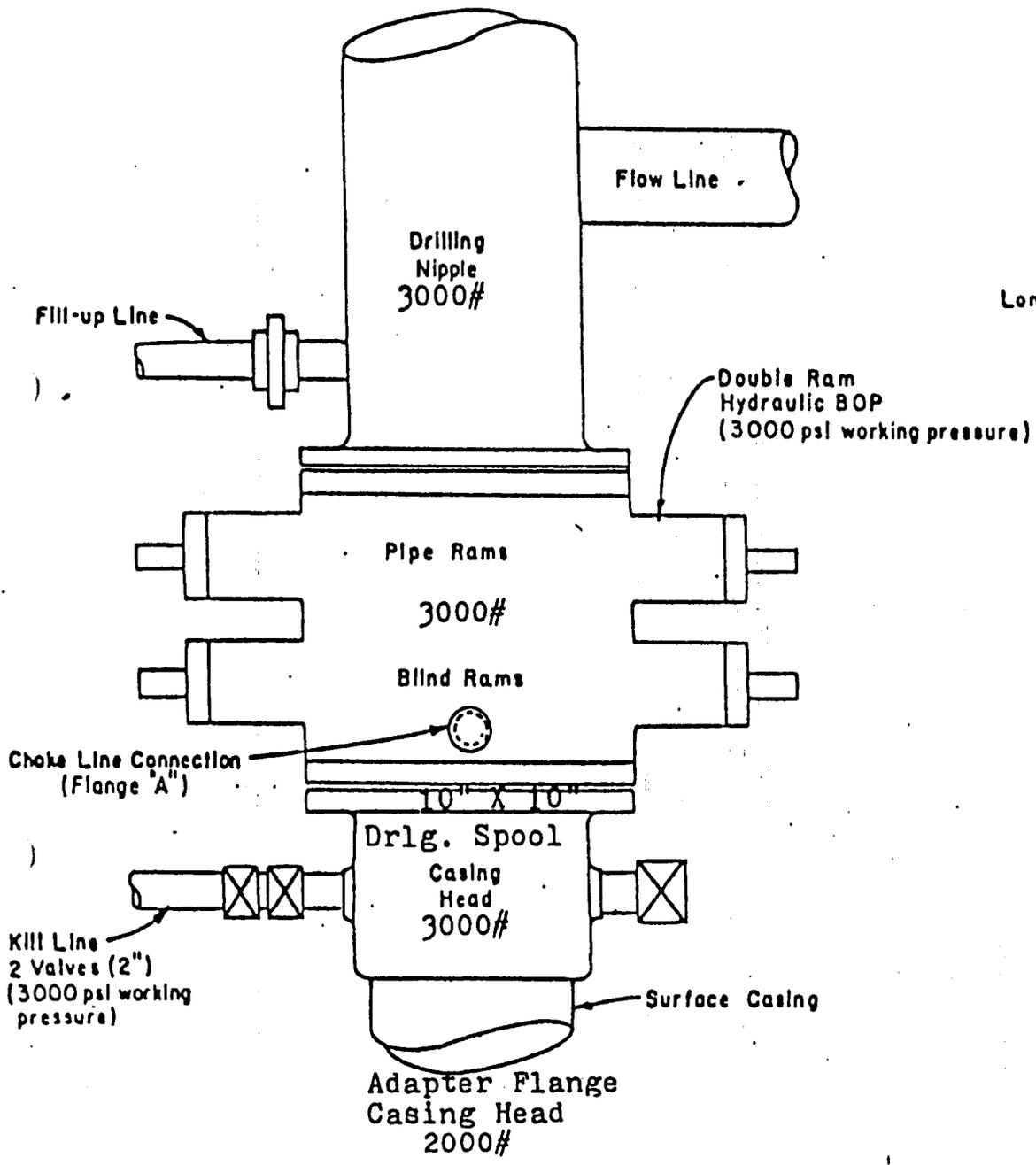
<u>SECTION</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>CONNECTION</u>
0- 120	120	20	133	K-55	STC
0- 3200	3200	13 3/8	54.5, 61	K-55,S80	STC w/2 1/16"
0- 7300	7300	9 5/8	40,36	K-55,S80	STC, LTC
0-10000	10000	5 1/2	17	K-55,N80	STC,LTC,Butt.
0-10000	10000	2 7/8	6.5	N-80	8RD,EUE

All casing and tubing strings will have the boxes and pins cleaned with diesel and the I.D.'s drifted before running into the hole for use.

ENERGY DRILLING SPECIALISTS, INC

SAFETY EQUIPMENT REQUIREMENTS

1. a. Two 10" API 3000 hydraulic ram type BOPs or one 10" API 3000 hydraulic double ram type BOP.
- b. Two positive valves and a check valve on the kill line side of the BOP assembly and two positive valves on the choke line side, one of which will be a C.I.W. HRC or equivalent.
- c. A choke manifold with a 4" line straight through. The choke manifold must be located outside of the rig substructure. Manifold will have two adjustable chokes.
- d. All of the above equipment must be 3000 psi W.P. (6000 TP) and all connections will be flanged, except the 2" and 4" lines downstream of the choke manifold. Contractor will furnish all the necessary BOPs, valves, flanges, lines, etc.
- e. BOPs will be equipped with extension rods and the hand wheels will be located outside of the substructure.
2. The hydraulic BOP closing unit must be located at least 100' from the wellhead with a remote control unit on the rig floor.
3. A full opening drill pipe safety valve with proper connections will be kept on the rig floor at all times. The kelly cock below the swivel should be 5000 psi W.P. and in good working condition.
4. Vapor proof lights, switches, and wiring are required. All electric motors on the rig floor, shale shaker, or mud tanks shall be explosion proof.
5. NO OPEN FLAME HEATERS, OPEN FIRES, OR SMOKING WILL BE ALLOWED ON THE DRILLING RIG OR IN THE IMMEDIATE AREA.
6. Have all rig crews, including tool pusher, familiar in kick detection and blow out control procedures.
7. In the event of any H₂S bearing formations being drilled. Have H₂S detectors installed on the shale shaker and mud pits, and mud logging trailer with appropriate alarm systems attached.



PLAN VIEW-CHOKE MANIFOLD

BLOWOUT PREVENTER
DIAGRAM

EXHIBIT "C"

MULTIPOINT REQUIREMENTS TO ACCOMPANY

Attached to Form 9-331 C
Texas International Petroleum Co.
#41-33 Federal
700' FNL 770' FEL Sec. 33-T18S-R7E
Emery County, Utah

1. Existing Roads:

- A. The proposed well site is Exhibit "A", as staked.
- B. The route and distance from nearest town is Exhibit "E".

To enter area, go $\frac{1}{2}$ -mile south of Orangeville, or two miles west from the courthouse steps at Castledale, and enter at red and white flagged east point of ridge. Go southward and west on good gravel 1.85 miles. Cross cattleguard and south and west on gravel, then dirt, to point entering large draw at 0.75 miles from cattleguard. Go right up canyon draw 3.50 miles to dead end wash-out and proceed about 0.25 miles up the draw to the location. Do not take the two trails that lead off to the right up onto the bench.

- C. Only the last 0.25 miles are access road. The trail leading to this location is apparently used by adventurers, lovers, and those that come to service the power lines leading to the radio tower some 2,000-feet above the location.
- D. All roads within three miles for this exploratory well are shown on the Exhibit "E".
- E. This is not a development well.

- F. Plans for improvement and maintenance of this existing road is to (1) grade and smooth the existing road from entrance into canyon the last 3.75 miles onto the drill pad, (2) to fill the passable wash ~~some two feet~~ at the 0.50 miles up the road from entrance to the canyon, and to place a culvert in this wash if production is subsequently obtained, (3) to place a 24" culvert at the road dead end where the wash is some three or more feet deep and smooth out for the final 0.25 miles into the location. Since the remaining one mile or so into the location is very gummy Mancos shale, some gravel will be scrapped from the existing sides of road to curtail a slick condition, or else some gravels may be brought in from private sources.

The entire road has been heavily flagged with red and white flagging.

2. Planned Access Roads:

- (1) The existing road will be no more than 16-feet wide.
- (2) Maximum grade will be 6%.
- (3) No turnouts are needed or planned.
- (4) No drainage designs were noted as needed, except to place one culvert at the dead end.
- (5) The culvert is already mentioned and no major cut and fill is deemed necessary on any of the project, except at the drill site.

- (6) Surfacing material is plentiful, except the last one mile or less, where very gummy Manc shale exists, and where local gravels will be purchased or used, provided insufficient surfacing is available from road improvement.
- (7) No gates, cattleguards, or fence cuts were noted as needed.
- (8) No new or reconstruction changes in the road has been noted as being needed so no center-line flagging has been done.

3. Location of Existing Wells:

A two-mile radius has been drawn on Exhibit "E".

- (1) No knownwater wells are within the two-mile radius.
- (2) There are no abandoned wells.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) There are no producing wells.
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no other knownwells for anything.

4. Location of Existing and/or Proposed Facilities:

A. A one-mile radius was not drawn on Exhibit "E", because:

- (1) There are no tank batteries owned by anyone.
- (2) There are no production facilities.
- (3) There are no oil gathering lines.
- (4) There are no gas gathering lines.
- (5) There are no injection lines.
- (6) There are no disposal lines and nothing is buried.

B. New facilities are shown as Exhibit "G" and all will be constructed on the drill pad.

- (1) No facilities are planned off the pad.
- (2) Dimensions of the facility on the drill pad are in Exhibit "G" at scale of 1"=50'.
- (3) Facilities will set on concrete and gravels as purchased from local sources due to the nature of surface shales.
- (4) Pits and moving parts will be fenced to protect live-stock and animals that might invade the area, and any open water will be screened to prevent fowl or birds from getting involved.

C. Rehabilitation of any unused portions of the old drill pad will have restorative measures made for grasses or whatever recommendations made for growth on this barren shale. Such measures will be taken as soon as possible for best planting and growth required for the area.

5. Location and Type of Water Supply:

A. Two sources of water supply are shown on Exhibit "E". There are two irrigation ditches crossed on the road in to the location. Water will be purchased from water right owners of the ditches, provided that the ditches run when the well is drilling. If not, then water flows in the stream on the southwest side of Castledale.

- B. Water will be transported by water trucks into the location. The distances are too far for pipeline.
- C. A water well will not be drilled.

6. Source of Construction Materials:

- A. No source of materials near the well site were noted and so are not noted on the map.
- B. All the area transversed after leaving the county gravel road is on Utah State and B.L.M. lands, except the last 0.25 miles of Manti-Lasal Forest. As such any materials from the area would be the properties as mentioned.
- C. Any materials used are planned to come from either Orangeville or Castledale, except for what small amount of gravels may incur along the road and at the shale drill pad.
- D. Examine Exhibit "E":
 - It is B.L.M. land in Section 1
 - It is Utah State land in Section 2
 - It is B. L. M. land in Sections 35 and Section 34.
 - Section 33 is Manti-Lasal Forest land.

It is believed that no needed access is necessary crossing any of these lands since obviously used by various people and especially to service the power lines of the radio tower.

7. Methods of Handling Waste Disposal:

- (1) Drill cuttings will be buried in the reserve pit when filled.
- (2) Drilling fluids will be covered in the reserve pit.
- (3) Produced fluids will be handled in the production water or fluid pit. Small amounts of fluids from drill stem tests will be put in the reserve pit, although if large quantities appear to exist, they will be placed in a test tank. Any spills during production or drilling will not occur, but if they do they will be removed immediately or burned.
- (4) A porta-toilet will be on location to handle sewage, and it will be removed with contents after operations complete.
- (5) Garbage, wastes and non-flammable wastes, salts and other chemicals produced or used during drilling or testing or production will be handled in the pits or kept in trash containers, and removed or buried. Trash or other pits will have a mesh covering.
- (6) When the rig moves off there will be added a fourth side of the pits fenced off (the other three sides already fenced before drilling commences). Any other dangerous, harmful, or bad materials will be removed from the location or buried immediately and the trash burned and buried.

8. Ancillary Facilities:

No airtstips, camps or other living facilities are planned or needed, except the usual trailers for geologist and toolpusher and engineer to work while drilling.

EXHIBIT

9. Well Site Layout

- (1) Exhibit "I" has drafted two cut and fill cross-sections A-A', and B-B', and these sections are noted on the drill pad layout and contour plat (1" + 50') of Exhibit "H". It is noted on Section A-A' that the reserve pit will have the bottom 3' in solid earth or Mancos shale although the deep draw will probably have some fill materials.
- (2) Exhibit "F" is the drilling rig layout which shows location of reserve pit, mud tanks, trash pit, pipe racks, parking and trailers for personnel use, and soil material stockpile.
- (3) Exhibit "F" shows access road into and onto the location, which is practically an existing use trail, the parking areas and the rig orientation.
- (4) The pits will not be lined, even though protective measures will be taken to assure that the reserve pit does not leak or spill into the close-by draw. Mud pits are used.

10. Plans for Restoration of the Surface:

- (1) Backfilling, leveling and contouring will be accomplished as soon as possible after the well is being completed as a production well, or abandoned. Waste materials, spoils or any other noxious substances that are unlikely at a Texas International Petroleum Co. location will be buried or removed immediately after the rig is moved from the location.
- (2) Revegetation and rehabilitation shall commence after leveling of the area and seeding as recommended by either or both the forest service or BLM shall occur as planned and recommended in order to improve the 3% vegetation that presently exists on the gumbo.

Prior to rig release, or immediately after it is moved, the fourth side of the reserve pits will be fenced and maintained until full restoration of the area.

- (4) Although oil spills and bad materials will be cleaned up immediately as they occur, should they still be around then they will be cleaned up or if oil or water is in pits then overhead flagging will be accomplished as directed by the regulations.
- (5) The timetable for commencement of rehab operations is immediately after rig moves off. The completion of rehab may be as late as the fall of 1982 for re-seeding, although some BLM and forest service people have recommended in certain areas re-seeding in spring. The pits will be filled and the location leveled as soon as practical weatherwise after the mud is removed from the pits or buried, within the pit.

11. Other Information

- (1) The topography, as may be seen on Exhibit "E" is quite eroded, dissected with deep dry draws, and very arid.

There are also very steep cliffs of Mesaverde sandstones overlying Mancos shales, but they are of sufficient distance from the location to create little problem. The soil characteristics have already been described as being quite erodable gummy baked clays and shales of the Mancos, which will become quite slippery and unreliable when wet. The geologic features, already inferred, are the steep sandstone cliffs, the remnant rocks and balanced rocks of the eroded and undermined cliffs. The fauna is probably practically non-existent, except during certain periods of the winter and spring. However, no life was observed. The flora covers about 3% of the drill site location, consisting of native grasses (1%), and prickly vegetation of arid conditions, variety unknown.

- (2) The observed and postulated surface use along the existing trail into the location is primarily to service the power lines that lead to the radio tower high above the location, and secondarily for picknickers or lovers (as some trash was observed left in the area), and for adventurers on 4-wheel vehicles or motor bikes.

The surface ownership is all state and federal, and does not cross any private lands. Therefore, no rehabilitation plans are known to be required, and the existing access road into the location has sufficient use across these lands to need no more than aligning for rig access.

- (3) There is water available from either the towns of Orangeville or Castledale systems, or from Cottonwood Creek that runs continuously through Orangeville and west of Castledale (Exhibit "E") or from water right owners on the two irrigation ditches that are crossed on the road in to the location.

After leaving the coal mine road, there are no occupied dwelling noticed within two miles of the location.

The archeological, historical and cultural sites will be observed by an archeologist and presented at the time of field inspection, if not before or after, but will be given before approval for drilling.

12. Lessee's or Operator's Representative:

See letter of designation of Representative that accompanies this report.

Jim F. McCormick
Agent
Energy Drilling Specialists, Inc.
821 17th Street, Suite 406
Denver, CO 80202-3094

13. Certification

I hereby certify that I, or persons under my direct supervision have inspected the 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 Texas International Petroleum Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

August 11, 1981

Date


Jim F. McCormick
Agent Representative For
Texas International Petroleum
Company

PRODUCTION FACILITIES LAYOUT

DRILL PAD BOUNDARIES

REHABILITATED AREAS

FLUID PIT (FENCED)

OIL PIT (SCREENED OVER)

PUMP UNIT BASE

TREATER & HOUSE



2"

3"

WELL LOCATION & HEAD

REHABILITATED AREAS

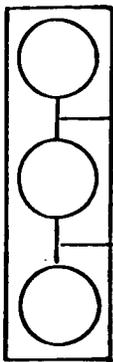
ALL LINES ARE BURIED

3"

TURN-AROUNDS AND WORK-OVER UNIT AREAS

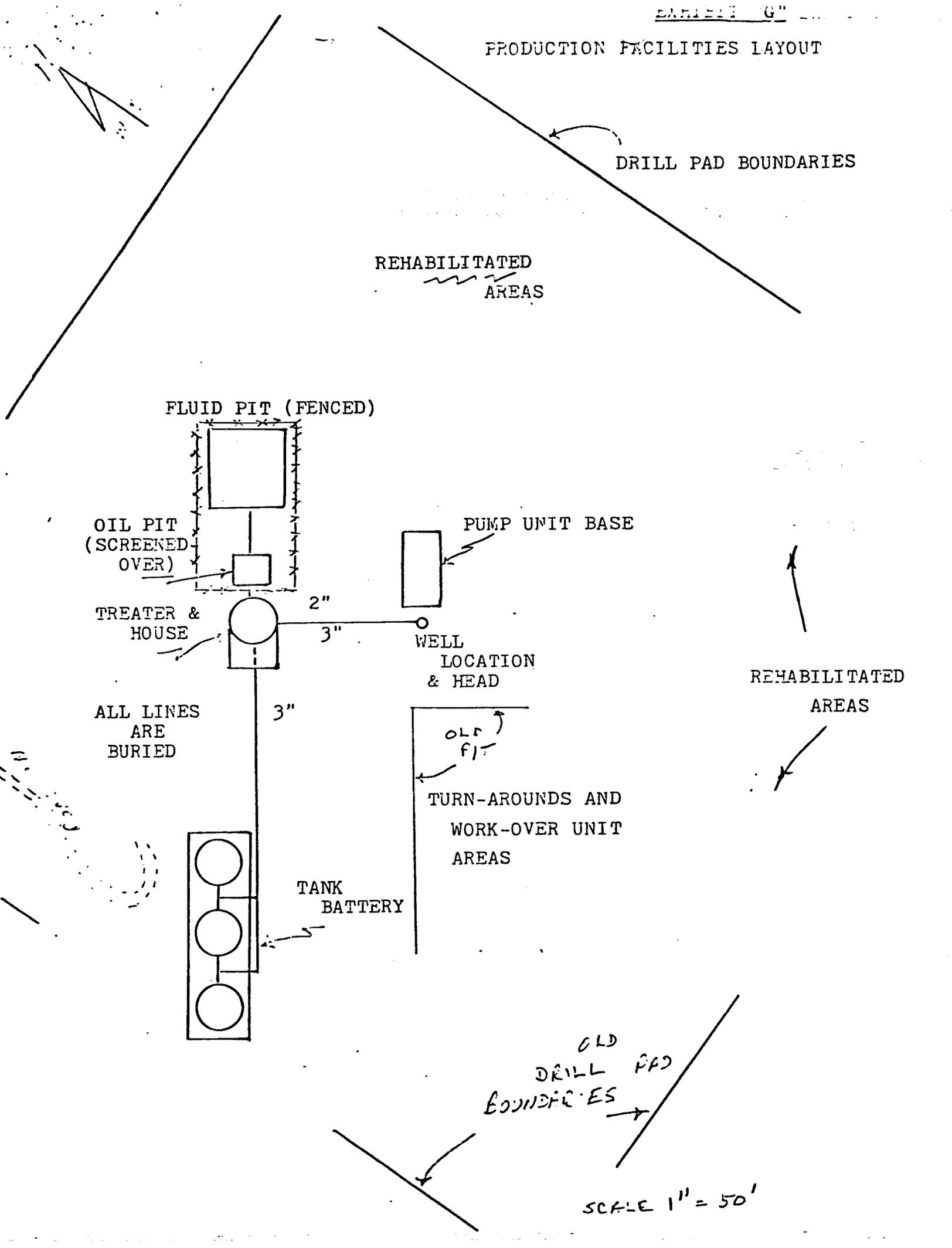
OLD FIT

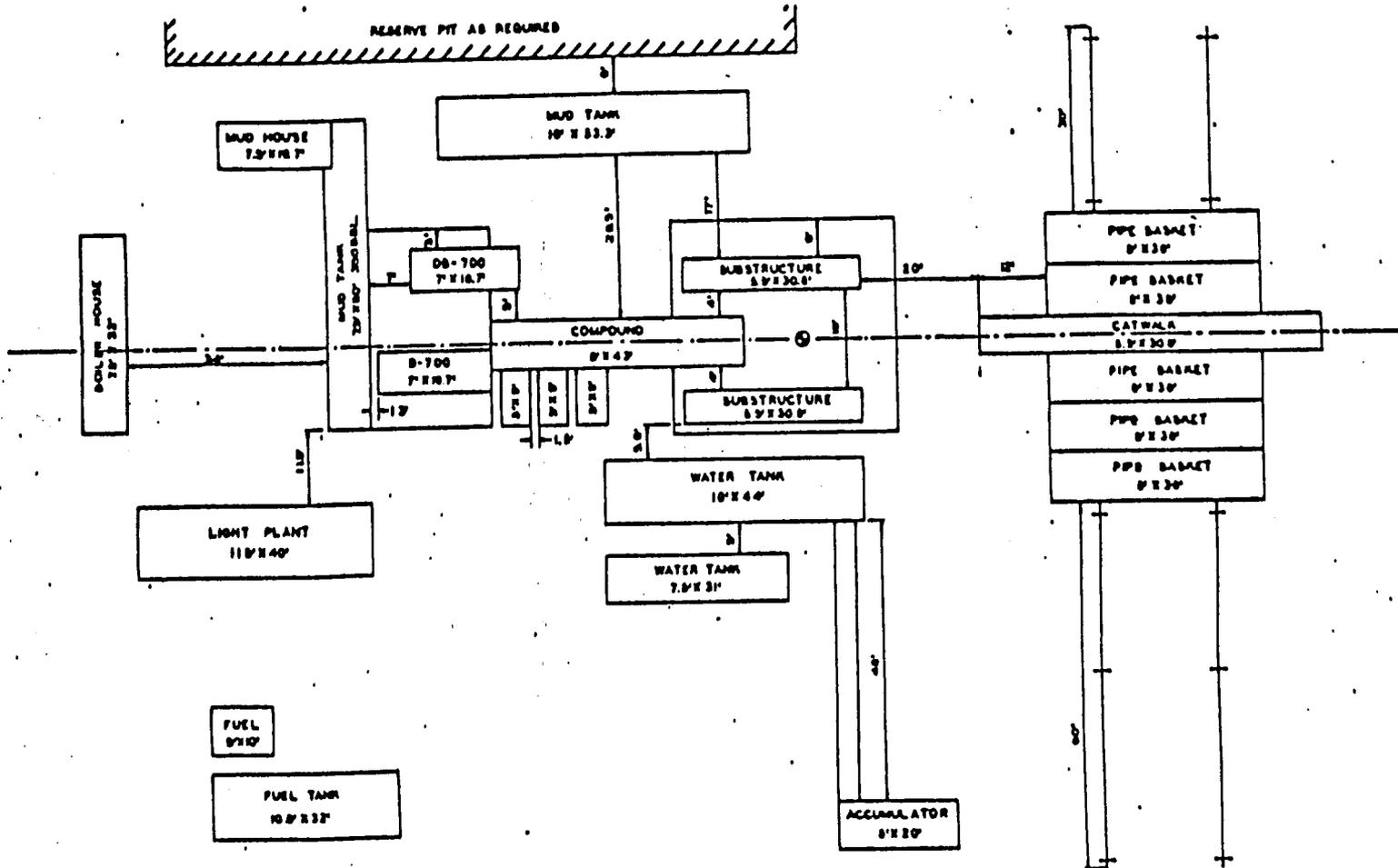
TANK BATTERY



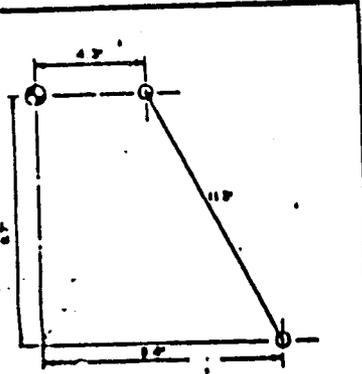
OLD DRILL PAD BOUNDARIES

SCALE 1" = 50'





LOCATION SIZE 75'N, 150'S, 175'E, 200'W



THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS A CONFIDENTIAL DISCOVERY. IT IS LOANED TO YOUR COMPANY WITH THE UNDERSTANDING IT IS NOT TO BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF LOFFLAND BROTHERS COMPANY.

 LOFFLAND BROTHERS COMPANY P. O. BOX 2042 TULSA, OKLAHOMA 74110		DATE 3-11-70	SCALE N.T.S.
		TITLE LOCATION PLAN	DRN. BY JAL
REV.	DESCRIPTION	DATE	BY
		DIV. N	BRWG. L.P.C.
			DRY 1

FOUR CORNERS DIVISI'

RIG #1

RATED DEPTH CAPACITY 13,000 FEET

MAST: Lee C. Moore -133' -620,000# Gross National Capacity
413,000# Hook Load W/10 Lines

SUBSTRUCTURE: Lee C. Moore - 17' -450,000# Casing Capacity
350,000# Set Back Capacity

GROUND TO ROTARY BEAM: 14'-3"

DRAWWORKS: Mid-Continent U-40
Maximum Single Line Pull - 88,700#
Maximum Hook Load W/10 Lines - 694,000#

AUXILIARY BRAKE: 22" Parkersburg Double

COMPOUND: Mid-Continent U-37

ENGINES: 3 - Caterpillar D379TA - 555 Max. HP @ 1100 RPM
500 Int. HP @ 1100 RPM
420 Cont. HP @ 1100 RPM

MUD PUMPS: Emsco DB700 - Driven by Compound
Emsco D-700 - Driven by Compound

DESANDER: San Angelo - 3 Cone Electrically Driven

DESILTER: Pioneer T-10-4

MUD TANKS: 1- 540 BBL. 1 - 350 BBL.

WATER STORAGE: 2- 850 BBL. Capacity

GENERATORS: 1- 150KW AC 1 - 300KW AC

ROTARY TABLE: Mid-Continent 27-1/2"

TRAVELING BLOCK: Unit Rig B544A - 250 Ton

CROWN BLOCK: Lee C. Moore - 6 Sheave - 1 1/4" Line

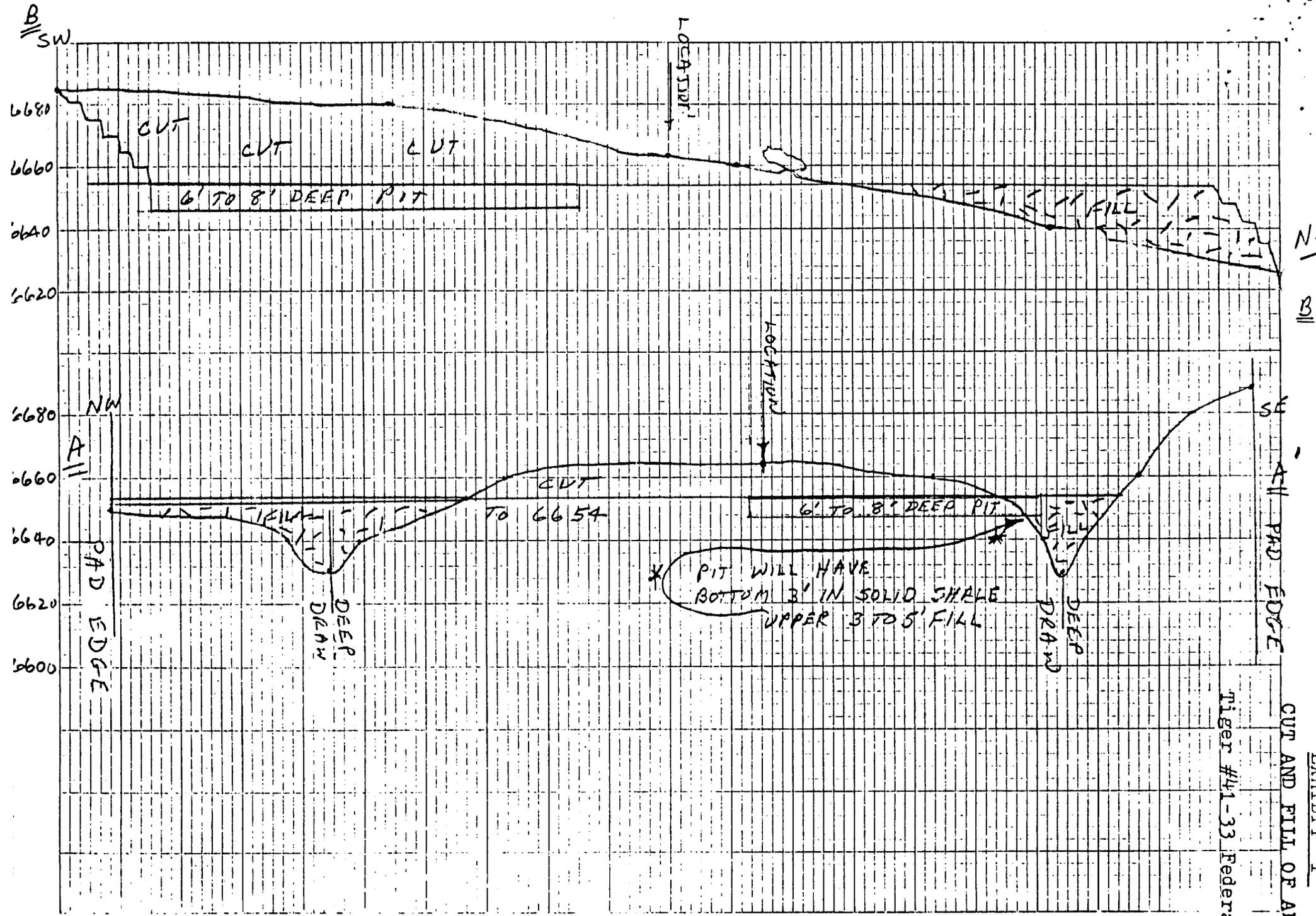
HOOK: Byron Jackson Model 4300 - 300 Ton

SWIVEL: Gray Model B-44 - 500 Ton

BLOWOUT PREVENTERS: To comply with bid specifications.

SPECIAL TOOLS: Tong Torque Gauge Air Hoist
Rotary Torque Gauge Shale Shaker
Automatic Driller Trailer
Crown-o-Matic Boiler
Kookey Model T22HD4H Accum. PVT & Flowline Sensor
3 Pen Recorder





CUT AND FILL OF AREA
Tiger #41-33 Federal

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Manti-LaSal National Forest
599 West Price River Drive
Price, Utah 84501

2820

August 11, 1981



Mr. Edgar W. Guynn
Attention George Diwachak
U.S.G.S. 2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Dear Mr. Guynn:

The Forest Service has received and approved Texas International Petroleum Company's (TIPCO) site grading plan for their proposed Federal #41-33 wildcat well on the Manti-LaSal National Forest. A letter approving the site grading plan was sent to TIPCO and Powers Elevation on July 28, 1981.

An Environmental Assessment (EA) has already been completed and approved (February 1980) for this drilling site and operation under Tiger Oil Company's name. A copy of this EA is enclosed for your information.

The Forest Service has determined that this EA adequately assesses the environmental situation for the drilling operation at this location by TIPCO; therefore, a new or revised EA will not be necessary. During our review and approval of TIPCO's site plans we did, however, identify the need to add additional stipulations to the EA.

During the on-ground review of the site, the Forest Service requested a more detailed site grading plan than was submitted by TIPCO in the application to drill. The more detailed plans showed that TIPCO had shifted their proposed reserve pit location from the south side of the drilling site to the north side. At this northern location, a section of the pit will involve embankment construction. It is our preference to have the reserve pit located entirely within an excavated section.

If TIPCO feels that it is necessary to construct the reserve pit at the northern location, the following additional management requirements are added to the Environmental Assessment:

1. The area on which the embankment is to be placed will be cleared of all materials including vegetative matter, topsoil, and unconsolidated soils.

2. A cutoff trench at least five feet deep and six feet wide will be excavated in native material and backfilled with impermeable material and compacted to 95 percent Proctor density.
3. The embankment will then be constructed, using impermeable materials on slopes of 3:1 into the pit and 2:1 outside the pit. The materials will be compacted to 95 percent Proctor density.
4. The embankment will have a minimum 10-foot top width.
5. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling operation.

The Environmental Assessment and this letter are our concurrence to approval of the activity and contains the Forest Service stipulations and mitigating measures required.

The BLM and Forest Service must be notified prior to commencement of any activity on the ground for this project.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. H. Balay", with a long horizontal line extending to the right.

for
REED C. CHRISTENSEN
Forest Supervisor

Enclosure

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR Texas International Petroleum Corporation (Mid States Division)

3. ADDRESS OF OPERATOR 2200 N.W. 50th Street, Suite 200, Oklahoma City, OK 73112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NENE 700' FNL, 770' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8.4 miles west of Castledale, Utah

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 700'

16. NO. OF ACRES IN LEASE 2118.4

17. NO. OF ACRES ASSIGNED TO THIS WELL 80 acres

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 10,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6663' GL

22. APPROX. DATE WORK WILL START June 15, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes rows for 26", 12 1/2 & 17 1/2, 12 1/2, and 8 1/2 inch holes.

Attachments:

Original approved 9-331 C Rig Equipment Layout

Handwritten notes: #64 Bill Moynihan Will send me copy today 9-17-81

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 Jim F. McCormick TITLE Agent DATE Aug. 11, 1981

PERMIT NO. APPROVAL DATE APPROVED BY (ORIG. SGD.) R. A. HENRICKS FOR E. W. GUYNN TITLE DISTRICT OIL & GAS SUPERVISOR DATE AUG 28 1981

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

Production Facilities and Flowline NOT Approved

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

United States Department of the Interior
Geological Survey
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name TEXAS INTERNATIONAL PETROLEUM CORP. #4-33

Project Type oil WELL

Project Location SEC. 33 T 18S R 7E

Date Project Submitted MAY 4, 1981 (TIPCO TAKEOVER)

FIELD INSPECTION

Date JUNE 8

Field Inspection
Participants

SEE ATTACHED

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

8-3-81

Date Prepared

George J. Drwachak
Environmental Scientist

I concur

AUG 03 1981

Date

WR Martin
District Supervisor

FOR

E. W. GUYNN
DISTRICT ENGINEER

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria S16 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					9	2	6	6	4,8
2. Unique characteristics	1				9	2	6	6	4,8
3. Environmentally controversial	1				9		6	6	4,8
4. Uncertain and unknown risks	1				9	2	6	6	4,8
5. Establishes precedents	1				9		6	6	
6. Cumulatively significant					9		6	6	4,8
7. National Register historic places					9				
8. Endangered/threatened species					9				
9. Violate Federal, State, local, tribal law					9		6	6	4,8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation (PRE DRILL INSPECTION - 6/8/81)
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. EA 090-80

ONSITE PARTICIPANTS

<u>NAME</u>	<u>REPRESENTING</u>
GEORGE DIWACHAK	USGS
STEVE ROBINSON	USFS
JERRY GLEDHILL	USFS
BRENT BARNEY	USFS
CARTER REED	USFS
JEFF GAVIN	USFS
MERVIN S. MILES	BLM
JIM MCCORMICK	ENERGY DRILLING SPEC.
BILL MAGNESS	TIPCO
NEAL EDWARDS	POWERS ELEV Co.
P.B. COCKRELL	LOFFLAND BROS Co.
TOM BRAKE	DELGARD
JIM BOULDEN	BOULDEN CONTRACTING Co.
TOMMY GEORGE	OVERLAND CONST. Co.

RECOMMENDED STIPULATIONS

1. SEE SUPPLEMENTAL STIPULATIONS FOR TIGER OIL COMPANY 41-33, SEC 33, T18S, R7E (COPY ATTACHED)
2. ALL STIPULATIONS IN THE BLM ROAD RIGHT-OF-WAY, ISSUED TO TEXAS INTERNATIONAL PETROLEUM COMPANY SHALL BE ADHERED TO
3. A PRECONSTRUCTION MEETING WITH, U.S.F.S., TIPCO AND THE CONSTRUCTION CONTRACTOR SHALL BE ARRANGED PRIOR TO CONSTRUCTION
4. IF IT IS NECESSARY FOR THE PROPOSED OPERATION TO LOCATE THE RESERVE PIT ON THE NORTH SIDE OF THE PAD, THE FOLLOWING ADDITIONAL CONSTRUCTION REQUIREMENTS MUST BE FOLLOWED:
 - A. The area on which the embankment is to be placed will be cleared of all materials including vegetative matter, topsoil, and unconsolidated soils.
 - B. A cutoff trench at least 5 feet deep and 6 feet wide will be excavated in native material and backfilled with impermeable material and compacted to 95 percent Proctor density.
 - C. The embankment will then be constructed, using impermeable materials on slopes of 3:1 into the pit and 2:1 outside the pit. The materials will be compacted to 95 percent Proctor density.
 - D. The embankment will have a minimum 10-foot top width.
 - E. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling operation.

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-18863OPERATOR: ~~E.M. Davis d/b/a Tiger Oil Company~~
TEXAS INTERNATIONAL PET. CORP.WELL NO. 41-33LOCATION: 1/4 NE 1/4 NE 1/4 sec. 33, T. 18S, R. 7E, SLMEmery County, Utah

1. Stratigraphy: Mancos - Surface

Emery Ss. 700

Ferron Ss. 3000

Navajo 7400

Moenkopi 8300

Kaibab 9300

2. Fresh Water: Fresh water may be present in the
Emery, Ferron, Dakota, and Cedar Mtn.3. Leasable Minerals: Prospectively valuable for coal in the
Ferron Sandstone.4. Additional Logs Needed: Proposed logs should be adequate
to define any coal that is present.

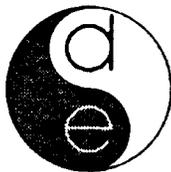
5. Potential Geologic Hazards: None anticipated.

6. References and Remarks: outside KGS.

U.S.G.S. files, SLC., Utah

Signature: J. Paul MathenyDate: 12 - 18 - 79

energy drilling specialists, inc.



821 17th st. suite 406
denver, colorado 80202
(303) 573-7011

5000 lakeshore drive
littleton, colorado 80123
(303) 795-7665

October 8, 1981

OCT 14 1981

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Attn: Michael T. Minder

Dear Mr. Minder:

Per your office's request, I have enclosed (2) copies of the U.S. Department of the Interior, Geological Survey, Application for Permit to Drill along with the Conditions of Approval for Notice to Drill as supplied by the U.S.G.S.

Your approval to drill the above referred to oil/gas well is hereby requested. Should you have any other questions or requests, please feel free to call me at the number above.

Very truly yours,

ENERGY DRILLING SPECIALISTS, INC.

John F. McCormick
J. F. McCORMICK

JFM/pap

Enclosures

9,000

**** FILE NOTATIONS ****

DATE: Oct. 26, 1981

OPERATOR: Texas International Petroleum Corp.

WELL NO: Federal # 41-33

Location: Sec. 33 T. 18S R. 7E County: Emery

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-015-30092

CHECKED BY:

Petroleum Engineer: M. J. Minder 12-28-81 will require a min of 5000 # WP rated BOP and accompanying equipments

Director: _____

Administrative Aide: As per Rule C-3,

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

9,766
9,900
350
12,299
Rdy. Bond
Spudled well
atom 11-16-81

October 28, 1981

Texas International Petroleum Corp.
2200 N.W. 50th Street, Suite #200
Oklahoma City, Oklahoma 73112

RE: Well No. Federal #41-33,
Sec. 33, TT. 18S, R. 7E,
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, we will require a minimum of 5000# WP rated BOP and Accompanying equipment.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30092.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texas International Petroleum Corporation

3. ADDRESS OF OPERATOR c/o Energy Drilling Specialists, Inc. 999 18th St, Ste 245, Denver, 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NENE 700' FNL, 770' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/> Change total depth	

5. WELL NO. U-18863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Federal

9. WELL NO. 41-33

10. FIELD OR WILDCAT NAME Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 33 T.18S, R7E

12. COUNTY OR PARISH Emery 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD) 6663' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests that total depth be extended to 11,500' due to Geology Fluctuations. Verbal approval for this was given at 2:50 pm 2-27-82 by W. P. Martens.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/19/82
BY: [Signature]

RECEIVED

FEB 22 1982
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Agent DATE January 28, 1982
JIM F. MCCORMICK

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texas Int'l Petroleum Corp.

3. ADDRESS OF OPERATOR c/o Energy Drilling Specialists
999 18th Street, Ste. 245, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NENE 700' FNL, 770' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. SE
U-18863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
41-33

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T18S, R7E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6663' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Change total depth	<input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests that total depth be extended to 12,500' due to geology considerations. Verbal approval given at 9:55 MST, 2-8-82 by W.P. Martens

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/18/82
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim F. McCormick TITLE Agent DATE February 8, 1982
Jim F. McCormick
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texas International Petro. Corp.

3. ADDRESS OF OPERATOR
73112
3535 NW 58, Ste. 300, Okla. City, OK

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700' FNL and 770' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 844' FNL and 693' FEL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Complete <input checked="" type="checkbox"/>	<input type="checkbox"/>

5. LEASE
U-18863

6. IF INDIAN, ALLOTMENT NAME
MINERALS MANAGEMENT SERVICE RECEIVED

7. UNIT AGREEMENT NAME
MAY 17 1982

8. FARM OR LEASE NAME
Federal SALT LAKE CITY, UTAH

9. WELL NO.
41-33

10. FIELD OR WILDCAT NAME
Ferron Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
33-T18S-R7E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6693 KB, 6691.5 DF, 6663 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
Run Cement Bond/Gamma Ray/Collar Log. Perforate Kiabab Limestone 9596' to 9608', acidize same with 1500 gal. 7-1/2% HCL acid. Swab test. If necessary, plug back 5-1/2" casing with bridge plug and 10' cement cap. Perforate Moenkopi Limestone 9472' to 9462', acidize same with 1500 gal. 7-1/2% HCL acid. Swab test.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED David R. Bertschinger TITLE Spec. Proj. Mgr. DATE 3-15-82

(This space for Federal or State office use)
APPROVED BY David R. Bertschinger TITLE District Oil & Gas Supervisor DATE MAR 25 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-18863 - Federal
Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County Emery State Utah
Operator Texas Int'l. Petro. Corp.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
41-33	NE/NE Sec. 33	18S	7E	OSI	7	60	TSTM	-None-	Preparing to install pumping equipment.

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	60	TSTM	None
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	TSTM	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	60	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	36	Unknown	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: David R. Bertschinger
Title: Spec. Proj. Mgr.

Address: 3535 NW 58th, Ste. 300, OKC, OK 73112
Page 1 of 1



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

May 6, 1982

Texas International Petroleum Corporation
c/o Energy Drilling Specialists, Inc.
999-18th Street, Suite 245
Denver, Colorado 80202

Re: Well No. Federal #41-33
Sec. 33, T. 18S, R. 7E.
Emery County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

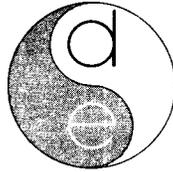
DIVISION OF OIL, GAS AND MINING

Carl Furse

Carl Furse
Clerk Typist

energy drilling specialists, inc.

one denver place
999 18th st., suite 245
denver, colorado 80202
(303) 573-7011



5000 lakeshore drive
littleton, colorado 80123
(303) 795-7665

May 11, 1982

State of Utah
Natural Resources and Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Attn: Cari Furse

Re: Well # Federal 41-33
Texas Int'l Petroleum Corp.
Section 33-T18S-R7E
Emery County, Utah

Dear Ms. Furse:

This is to inform you that the completion report form OGC-3 has not been submitted on the above referenced well due to lack of completion production data. Presently equipment is being moved to the location for final production testing.

Proper data will be submitted to your office as soon as possible.

Thank you for your considerations.

Sincerely,

ENERGY DRILLING SPECIALISTS, INC.

A handwritten signature in cursive script that reads 'J. D. Hall'.

J. D. HALL

JDH/pap

cc: David Bertschinger,
TIPC0, Oklahoma City

RECEIVED
MAY 13 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-18863 Federal
Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County Emery State Utah
Operator Texas International Petro. Corp.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 1982

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
41-33	NE/NE Sec. 33	18S	7E	OSI	2	57.43	TSTM	-None-	Installing pump equipment

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	60	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	57.43	TSTM	None
*Sold	117.43	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	TSTM	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	0	0	None
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	35.2	Unknown	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: David R. Bertschinger Address: 3535 NW 58th, Ste. 300, OKC OK 73112
Title: Spec. Proj. Mgr. Page 1 of 1

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Texas International Petroleum Corp. (TIPCO)

3. ADDRESS OF OPERATOR
3535 NW 58th, Ste. 300 Oklahoma City, OK 73112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 700' FNL, 770' FEL NE/NE
At top prod. interval reported below
At total depth 43-015-30092

14. PERMIT NO. NA DATE ISSUED 8-28-81

5. LEASE DESIGNATION AND SERIAL NO.
U-18863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
41-33

10. FIELD AND POOL, OR WILDCAT
Ferron Prospect

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
33-T18S-R7E

12. COUNTY OR PARISH Emery 13. STATE Utah

15. DATE SPUNDED 11-15-82 16. DATE T.D. REACHED 2-15-82 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6693' KB, 6663' GL 19. ELEV. CASINGHEAD 6664'

20. TOTAL DEPTH, MD & TVD 12,299' 21. PLUG, BACK T.D., MD & TVD 9515' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 10-12,299' CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Moenkopi from 9462' to 9472' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Density-Neutron 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61	4040	17-1/2	2350 sx HLW & H	None
5-1/2"	17	9806	8-3/4	1400 sx 50/50 Poz & H	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	9410	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9462' to 9472'	.43"	20	9462' to 9472'	1000 gal. 7-1/2% HCL
			Same	3000 gal. 15% HCL plus 60,000 SCF Nitrogen

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5-18-82	Pumping: 2" X 1-1/4" RHBC	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-14-82	24	None	→	9	2	None	222

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
10 psi	20 psi	→	9	2	None	35

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for engine fuel TEST WITNESSED BY Mr. Gordon Johansen

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED David R. Bertschinger TITLE Special Projects Mar. DATE 6-15-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mississippian	10,900'	11,002'	DST attempt, misrun
Mississippian	10,924'	11,126'	DST, used 2500' water cushion Flow No. 1, 30 min., 1451 psi Shut in No. 1, 60 min., 3749 psi Flow No. 2, 150 min., 1526 psi Shut in No. 2, 180 min., 3426 psi Recovery: 2500' water cushion 5522' water cut drilling mud
Kiabab	9,576'	9,658'	Perforations, swabbed salt water with trace oil and gas only.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Emery	304	
Ferron	3214	
Tununk	3481	
Dakota	4050	
Entrada	5626	
Carmel	6375	
Navajo	7258	
Shinarump	8338	
Moenkopi	8534	
Sinbad	9192	
Kiabab	9570	
Toroweap	9722	
Ouray	11778	
Maxfield	11864	
Ophir	12214	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-18863
Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County Emery State Utah
Operator Texas International Petroleum Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
41-33	NE NE Sec. 33	185	7E	POW	22	52	TSTM	0	Still recovering load water.

RECEIVED
AUG 31 1982
DIVISION OF

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	132	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	52	TSTM	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	184	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	35.2	Unknown	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: David Bertschinger Address: 3535 N.W. 58, Oklahoma City, OK 73112
Title: Engineer Page 1 of 1



STATE OF UTAH
NATURAL RESOURCES & ENERGY
State Lands & Forestry

Man
Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Ralph A. Milles, Division Director

3100 State Office Building • Salt Lake City, UT 84114 • 801-533-5381

August 30, 1982

Division of Oil, Gas, and Mining
State Office Building
B U I L D I N G

Gentlemen:

Enclosed please find a letter from Texas International Petroleum Corporation concerning their Federal 41-33 Well in Section 33, T18S, R7E, SLM. This well is on federal land and does not concern this office. I think that it was probably meant to be submitted to your office.

Yours very truly,

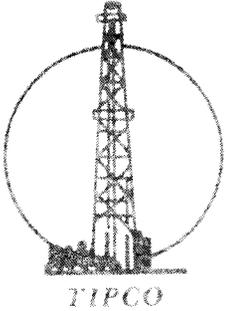
DONALD G. PRINCE
ASSISTANT DIRECTOR

DGP/bp

Enclosure

RECEIVED
AUG 31 1982

DIVISION OF
OIL, GAS & MINING



TEXAS INTERNATIONAL PETROLEUM CORPORATION

August 23, 1982



Mr. Donald G. Prince
State of Utah
Natural Resources and Energy
3100 State Office Building
Salt Lake City, Utah 84114

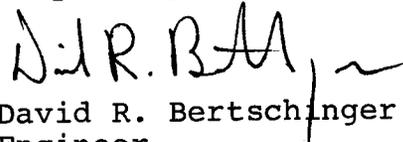
RE: TIPCO-Federal No. 41-33
Sec. 33, T-18-S, R-7-E
Emery County, Utah

Dear Mr. Prince:

Please be advised that subject well has been classified as a "Producing Oil Well" even though its commercial viability has not yet been established. In an effort to improve production rates, TIPCO has hydraulic fractured and installed pumping equipment on the well. At this time, production testing is continuing. I expect that within the next month or so we shall either construct permanent storage facilities or plug and abandon as required.

Attached please find copies of the various U. S. Department of the Interior forms filed on the subject well.

Very truly yours,


David R. Bertschinger
Engineer

DRB:rw

Attachments

RECEIVED
AUG 31 1982

DIVISION OF
OIL, GAS & MINING

✓ NOTICE OF INTENTION TO PLUG AND ABANDON (~~Page 14~~)

STATE OF UTAH
NATURAL RESOURCES & ENERGY
4241 State Office Building
Salt Lake City, UT 84114

Operator Texas International Petroleum Co.
Address 3535 N.W. 58th St.
Oklahoma City, OK 73112
Date _____

WELL IDENTIFICATION:
LEASE NAME Federal
WELL NO. 41-33 ID NO. V-18863
FIELD Ferron Prospect
COUNTY Emery SURVEY _____
BLK NE NE SEC. 23 T-18S R-7E
LOCATION 7 MI FROM Orangeville

Gentlemen:

This is to advise you of our intention to plug the referenced well. The following is our proposed procedure:

A. CASING RECORD

<u>13 3/8</u> csg. set @ <u>4040</u> w/ <u>2350</u> sx.	Cement circulated	Yes	___	No	<u>X</u>
<u>5 1/2</u> csg. set @ <u>9806</u> w/ <u>1400</u> sx.	Cement circulated	Yes	___	No	<u>X</u>
_____ csg. set @ _____ w/ _____ sx.	Cement circulated	Yes	___	No	___
_____ csg. set @ _____ w/ _____ sx.	Cement circulated	Yes	___	No	___

B. RECORD OF ALL PERFORATIONS AND/OR OPEN HOLE (Any perforations which have previously been cemented off or plugged off should be noted). _____
9462-72', 7272-80', 7286-93'

C. Size hole drilled below surface casing 8 3/4"
CEMENT FOR PLUGS IN OPEN HOLE SHOULD BE CALCULATED ON 75% FILL-UP.

D. PLUGGING PROCEDURE

- (1) Anticipated casing recovery 4120' 5 1/2" casing
 - (2) Plugs: Set Bridge Plug @ 7146 feet with 20' cement on top.
 - 1. 150 sx from 4140 to 3940
 - 2. _____ sx from _____ to _____
 - 3. _____ sx from _____ to _____
 - 4. _____ sx from _____ to _____
- (Well will be loaded with at least 9.5 mud)

The anticipated plugging date is July 14, 1983. You will be notified in advance as to the time and date that each plug will be spotted so that you may have a representative present to witness same.

Texas International Petroleum will be company plugging the well.
3535 N.W. 58th St. (Address)
Oklahoma City, OK 73112



DIVISION OF
OIL, GAS & MINING

Yours very truly,
TEXAS INTERNATIONAL PETROLEUM CORPORATION

By David A. Rudolph
David A. Rudolph, Production Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texas International Petroleum Corp. (TIPCO)

3. ADDRESS OF OPERATOR
3535 N. W. 58th St., Oklahoma City, OK 73112

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700' FNL, 770' FEL
AT TOP PROD. INTERVAL: 7272'
AT TOTAL DEPTH: 12,299'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*

-
-
-
-
-
-
-
-

(other)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

13 3/8" csg. set @ 4040' with 2350 sx.
5 1/2" csg. set @ 9806' with 1400 sx.

Perforations: 9462-72', 7286-93', 7272-80'

✓ Set bridge plug @ 7146' with 20' cement on top
✓ 150 sx from 4140 to 3940'

✓ Temporarily abandoned 2/22/83.

8-10-83 MI & RU Halliburton. ✓ Circulated cement from 2000 to 1800'. Pulled up hole with tubing and ✓ circulated a 25 sx plug at surface. Cut casing off 4' below surface & welded on ID plate. ✓ PLUGGED AND ABANDONED 8-11-83.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Lusk Willis TITLE Production Tech. DATE 8/25/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE
Federal ✓ U-18863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
41-33 ✓

10. FIELD OR WILDCAT NAME
Wildcat - Ferron Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33 T-18-S, R-7-E

12. COUNTY OR PARISH | 13. STATE
Emery | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6693' KB, 6663' GL

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/25/83
BY: [Signature]