

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED **OIL** SUB. REPORT/abd.

** Location Abandoned - Application rescinded - 7-12-83*

DATE FILED **9-9-82**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-015639-A** INDIAN

DRILLING APPROVED: **9-9-82**

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: **2626' GR**

DATE ABANDONED: **7-12-83 LA**

FIELD: **~~WILDCAT~~ GARSEY TRAIL 3/86**

UNIT:

COUNTY: **EMERY**

WELL NO. **FEDERAL # 12-22** API NO. **43-015-30124**

LOCATION **1886** FT FROM (N) (S) LINE. **1864** FT FROM (E) (W) LINE. **SE NW** 1/4 - 1/4 SEC. **12**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
16S	12E	12	SKYLINE OIL COMPANY				

SKYLINE 
Oil Company

A TEXAS EASTERN COMPANY

September 7, 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re Application for Permit to Drill,
Skyline Oil Company's Proposed Federal #12-22 Well,
SE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 12, T. 16 S., R. 12 E., S.L.M.,
Emery County, Utah. Federal Lease U-15639-A

Gentlemen:

Enclosed herewith are duplicate copies of our Application for Permit to Drill with attached exhibits for the proposed well. We have included copies of the surveyors plat, topo maps, archeological report and BLM stipulations with which we will comply. Any other information that is required will be furnished gladly.

We have filed and will be drilling this well under the Designation of Operator from Vern H. Bolinder and Julienne J. Bolinder, Lessee of Record under Lease U-15639-A.

Very truly yours,


Clifford Selin
Senior Staff Engineer

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINERALS MANAGEMENT SERVICE
OPERATIONS RECEIVED

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN SALT LAKE PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR
 2000 University Club Bldg., SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SE $\frac{1}{4}$, NW $\frac{1}{4}$ Section 12, T16S, R12E SLB&M
 At proposed prod. zone 1886' FNL & 1864' FWL
 Same

5. LEASE DESIGNATION AND SERIAL NO.
 U-015639-A
 H-15639-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
 FEDERAL #12-22

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 12, T16S, R12E, SLB&M

12. COUNTY OR PARISH
 Emery

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles South East of Wellington, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 781'

16. NO. OF ACRES IN LEASE
 160

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

19. PROPOSED DEPTH
 3900'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5326 GL

22. APPROX. DATE WORK WILL START*
 Sept. 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	65#	30'	6 cu. yds. Redi Mix
14-3/4"	10-3/4"	40.50#	450'	500 sx - Circ. to Surface
9-7/8"	7-5/8"	26.40#	3450'	400 sx

See Attachments

MINERALS MANAGEMENT SERVICE
 OIL & GAS OPERATIONS
 RECEIVED
 AUG 19 1982
 SALT LAKE CITY, UTAH

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.

SIGNED Clifford Selin TITLE Senior Staff Engineer DATE 8-18-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY WJ Montano DATE SEP 09 1982
 CONDITIONS OF APPROVAL, IF ANY: _____
 TITLE E. W. Guynn
District Oil & Gas Supervisor

NOTICE OF APPROVAL
 State O & G

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

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

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator SKYLINE OIL COMPANY
Project Type OIL WELL
Project Location SEC. 12 T16S R12E
Well No. 12-22 Lease No. U-015639-A
Date Project Submitted 8-19-82

FIELD INSPECTION Date 8-10-82

Field Inspection Participants
GEORGE DIWACHAK MMS
SID VOGELPOTH BLM
CLIFFORD SELIN SKYLINE
RID HUNT HUNT'S SERVICE

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.

SEP 7 1982
Date Prepared

George J. Diwachak
Environmental Scientist

I concur

SEP 08 1982
Date

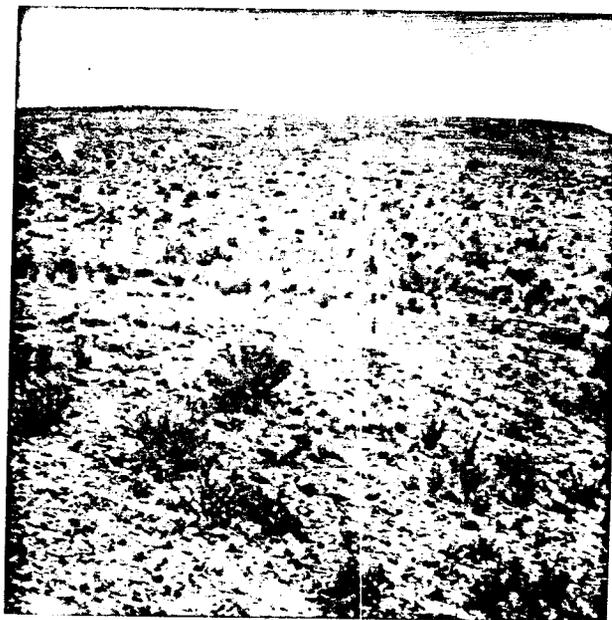
W.D. Martin FOR E. W. GUYNN
District Supervisor DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							6	6 (8-10-82) ↓	4, 0
Unique charac- teristics							6	6	4, 8
Environmentally controversial							6	6	4, 8
Uncertain and unknown risks							6	6	4
Establishes precedents							6	6	4
Cumulatively significant							6	6	
National Register historic places	1 (8-16-82)								
Endangered/ threatened species	1 (8-16-82)								
Violate Federal, State, local, tribal law							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
7. Private Rehabilitation Agreement
8. Recommended Stipulations (NOTE ALL BLM Stipulations should BE INCLUDED)



Skylene 12-22 E

RECOMMENDED STIPULATIONS

1. A BLM RIGHT-OF WAY Grant is necessary for use, maintenance, upgrading and construction of off lease non-county roads
2. See BLM STIPULATIONS (ALL should be included).



United States Department of the Interior

IN REPLY REFER TO

3100
(U-066)

BUREAU OF LAND MANAGEMENT
Moab District
Price River Resource Area
P. O. Drawer AB
Price, Utah 84501

September 1, 1982

Memorandum

To: District Engineer, Minerals Management Service, Salt Lake City, Utah
Attn: George Diwachak

From: Area Manager, Price River

Subject: Skyline Oil Company's Wells 10-33 and ~~12-22~~

The APD's for subject wells have been reviewed. All the stipulations provided by BLM for these wells have not been incorporated and several stipulations previously provided for Well 11-13 remain which do not apply. Our stipulations 5, 6, 8, and 10 apparently have not been incorporated into the APD's and 7, 9, and 11 are only partially incorporated. For expediency, we recommend that the APD's be approved subject to the stipulation of our memorandum dated August 16, 1982.

Rights-of-way will be required for those roads crossing oil/gas lease boundaries as in the case of 10-33.

/s/ Leon E. Berggren

cc:
Skyline Oil Company ✓
2000 University Club Bldg.
Salt Lake City, UT 84111



United States Department of the Interior

IN REPLY REFER TO

3100
(U-066)

FEDERAL SERVICE
BUREAU OF LAND MANAGEMENT

Moab District
Price River Resource Area
P. O. Drawer AB
Price, Utah 84501

AUG 18 1982

August 16, 1982

SALT LAKE CITY, UTAH
RESOURCE EVALUATION
Memorandum

To: District Engineer, MMS, Salt Lake City, Utah
Attention: George Diwachak

From: Area Manager, Price River

Subject: Skyline Oil Company's Wells ~~12-22~~, 10-33, 5-32, 14-31, 10-13,
& 3-23

An inspection of the proposed drill sites and access routes for subject wells was accomplished on August 10, 1982, in response to the staking requests. Stipulations that will be placed on our approval of the operation follow. These may be incorporated into the APD being prepared by Skyline.

1. The BLM's representative (Sid Vogelpohl, 801-637-4584) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location.
2. Skyline Oil shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.
3. If subsurface cultural or paleontological material is exposed during construction, work will stop immediately in that area and the Price River Resource Area will be contacted for guidance in proceeding.
4. Six to eight inches of topsoil on the entire pad sites shall be removed and stockpiled in a manner to minimize soil loss to wind and water erosion. Stockpiles shall be rounded off and located so that soil is not contaminated or compacted. In the event that the well is a producer, soil stockpiles shall be seeded. A seed mix will be provided by the BLM.
5. Any sand or gravel hauled to the drill sites or roads may be required to be removed from the site during reclamation.
6. Residues and contaminated earth in mud pits may be required to be completely removed if, with reclamation, same would be near or exposed at the surface.
7. Garbage or burn pits will not be allowed. All garbage and trash will be collected daily and contained in a trash basket for final disposal at the Carbon County landfill or a private landfill. Littering of access roads by personnel involved in the drilling operation shall be prevented or corrected by Skyline Oil. Litter pickup along access roads may be required of the operator.

omit - not applicable to this well.

8. Cuts into hills at drill sites 10-13 and 10-33 shall be concave away from the hill and generally shall have slopes no steeper than 1v:2h.

9. The roads as were flagged during the onsite inspections, including the connecting road in Section 5, are approved. Driving surface widths are to be limited to 16 feet with turnouts at least every 1,000 feet or less as determined by terrain. Construction of roads to be used for access to only one drill site shall be limited to blading with an outslope and construction of low-water crossing at all drainages except that a culvert (12") will be installed where the proposed road to 5-32 leaves the County road. Roads providing access to more than one well site will also be 16 feet wide with turnouts and will be crowned and ditched or sloped with water bars and water turnouts. The connecting road in Section 5 shall be to the same standards as the adjoining County roads. (Refer to BLM/USGS Surface Operating Standards, Figures 1 through 7.) Changes in finished road design may be required by the BLM.

10. The operator may install a cattleguard in the BLM fence for the duration of the operation. The existing tauntness of the barbed wire shall be maintained throughout the operation. At no time during road construction or thereafter shall cattle be allowed to traverse the fenceline at or near the cattleguard. Wings are required on the cattleguard.

11. Mud pits not based in at least four feet of cut material shall have the embankments of fill material key seated to ensure pit stability and fluid retention. The fill used in embankments shall be placed in lifts and compacted.

12. Upon completion of drilling operations, the BLM's representative shall be notified of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.

13. Reclamation shall include contouring of the pad to blend with landforms in the general area, redistribution of topsoil and seeding. Seeding shall be accomplished during the period of September to December. A seed mix and seeding method will be provided by the BLM with the advent of reclamation.

14. Any production facilities will be painted a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the BLM's representative.

Threatened or endangered animal or plant species are not known to be present. An archaeological clearance has been granted.

Len E. Bergman

cc:
Skyline Oil Company
2000 University Club Bldg.
Salt Lake City, Utah 84111

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

6

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
 SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR
 2000 University Club Bldg., SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SE $\frac{1}{4}$, NW $\frac{1}{4}$ Section 12, T16S, R12E SLB&M
 At proposed prod. zone Same 1864 FWL, 1886 FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles South East of Wellington, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 781'
 16. NO. OF ACRES IN LEASE 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None
 19. PROPOSED DEPTH 3900'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5326 GL
 22. APPROX. DATE WORK WILL START* Sept. 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	65#	30'	6 cu. yds. Redi Mix
14-3/4"	10-3/4"	40.50#	450'	500 sx - Circ. to Surface
9-7/8"	7-5/8"	26.40#	3450'	400 sx

See Attachments

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

DATE: 9-9-82
 BY: *Norman Stout*

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 *Clifford Selin* TITLE Senior Staff Engineer DATE 8-18-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

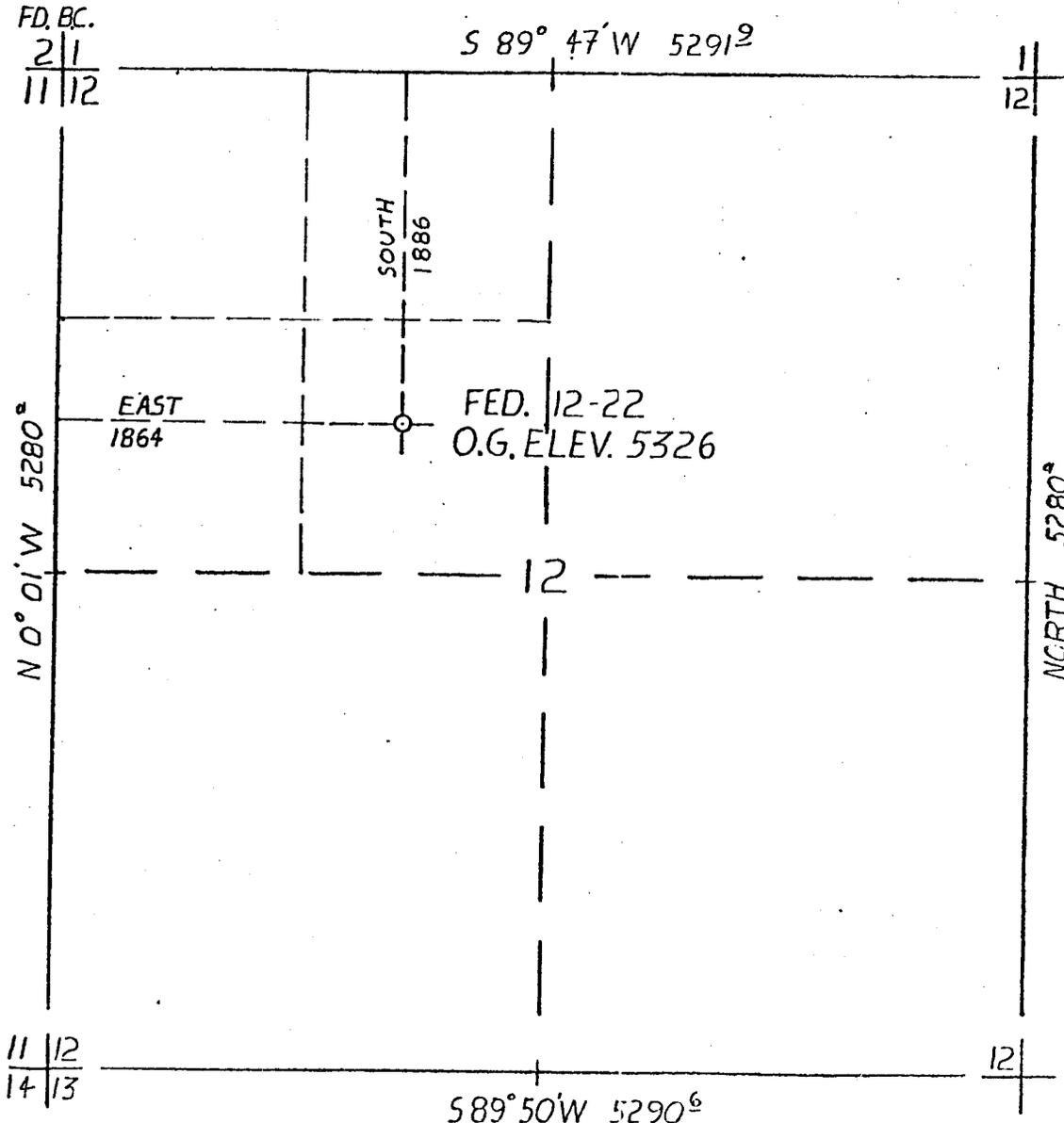
WELL LOCATION PLAT

EXHIBIT "B"

SKYLINE OIL COMPANY
FEDERAL 12-22
SE NW Section 12
T.16S., R.12E., SLB&M
Emery County, Utah

R12E R13E

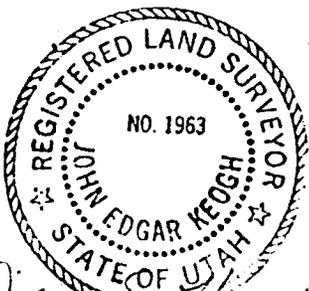
N
BEARINGS FROM NORTH LINE SEC. 11
(S 89° 55' W)



EXTERIOR CALLS (REC.)

WELL LOCATION PLAT OF
FEDERAL 12-22 IN
SE 1/4 NW 1/4 SEC 12, T16S, R12E
S.L.B.&M.

EMERY COUNTY, UTAH
TRANSIT & EDM SURVEY
FOR: SKYLINE OIL CO.
SCALE: 1"=1000' JULY, 82
ELEVATION BY VERTICAL ANGLE
FROM U.S.G.S. TOPO. QUAD.
"MOUNDS, UTAH" 1969
(S.W. COR. SEC. 12, T.16S., R.12E.)



John E. Keogh
UTAH R.L.S. No 1963

EXHIBIT A

SKYLINE OIL COMPANY
GRASSY TRAIL FIELD
FEDERAL #12-22
T. 16 S., R. 12 E., SE NW Section 12
EMERY COUNTY, UTAH

1. The Geologic Name of the Surface Formation:

Tununk Shale (Cretaceous)

2. Estimated Tops of Important Geologic Markers:

Curtis	1195'
Entrada	1320'
Carmel	1680'
Navajo	1960'
Chinle	2895'
Moenkopi	3155'
Sinbad	3780'
TD	4080'

3. The Estimated Depths at Which Anticipated Water, Oil or Other Mineral Bearing Formations Are Expected To Be Encountered:

Water	Navajo	1960'
Oil	Moenkopi	3155'

4. Proposed Casing Program:

<u>String</u>	<u>Size/Weight/Grade</u>			<u>Condition</u>	<u>Depth Interval</u>
Conductor	16"	65#	H-40	New	0-30'±
Surface	10-3/4"	40.5#	K-55	New	0-450'±
Intermediate	7-5/8"	26.40#	K-55	New	0-3450'

5. Minimum Specifications for Pressure Control Equipment:

A. Casinghead Equipment:

Lowermost Head:	10-3/4" LT&C X 10" 3000 PSI
Tubinghead:	10" 3000 PSI X 8" 3000 PSI
Adapter & Tree	8" 3000 PSI X 2 1/2" 3000 PSI
Valves:	1 - 2 1/2" 3000 PSI & 2 - 2" 3000 PSI

B. Blowout Preventers:

Refer to attached drawing Exhibit F & G "BOP Requirements".

C. Testing:

Stack will be tested to 2000 PSI prior to drilling under surface and prior to drilling under intermediate casing. Operational checks will be made periodically.

6. Drilling Mud Program:
 - A. Air will be used as the drilling medium from surface to total depth of 4080'. A foaming agent will be used as necessary should water be encountered.
7. Auxiliary Control Equipment:
 - A. Kelly cocks will be used.
 - B. A full opening safety valve with drill pipe threads, in the open position, will be on the rig floor at all times.
 - C. A bit float will not be used unless conditions dictate.
8. Testing, Coring and Logging Programs:
 - A. Drill stem tests.
Moenkopi if warranted.
 - B. Cores.
Moenkopi if warranted.
 - C. Logs.
Dual Induction Laterolog and Compensated Neutron-Formation Density. 3450' ± to TD. Gamma Ray will be run from surface to TD.
9. No abnormal pressures, temperatures or hazards are anticipated.
10. It is anticipated that drilling operations will commence September 5, 1982 with approximately 18 days of drilling and logging to reach T.D. Completion operations will require an additional 15 - 30 days.

Attachment

GOVERNMENT DIRECTED MULTIPOINT PROGRAM
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL
PROPOSED EXPLORATORY WELL
SKYLINE OIL COMPANY
FEDERAL #12-22 SE NW Sec. 12, T. 16 S., R. 12 E.

1. Existing Roads - Exhibits "J" and "K"

- A. Topo Maps "J" & "K" show the well site as staked and its position relative to existing roads and topography.
- B. To reach the drill site, turn south off U. S. Route 6, approximately 11.6 miles east of Wellington, Utah. Go South East on access road for approximately 4.5 miles and after passing a 4-way intersection, continue approximately .3 of mile and turn on road bearing to the East. D&RG railroad tracks are directly South about $\frac{1}{2}$ mile. Follow access road about $\frac{1}{2}$ mile to location.
- C. Existing roads are shown on Exhibits "J" and "K".
- D. The county roads are maintained and are all weather roads.
- E. Permits are being sought for a grade crossing over railroad tracks, south-west of site along with a new entrance road from highway 6. When clearances have been approved, the access road to Federal #12-22 will be shortened and improved. Grading and drainage work will be done as necessary.

2. Planned Access Road - Exhibit "K"

The planned access road will have a maximum disturbed width of 16', including drainage. Road will be constructed in accordance with the BLM/USGS Surface Operating Standards. Drainage across road will be provided for by water bars or other means at intervals required to prevent gullyng (berms) on the down slope side of the road. Road berms will be pulled in. Some turnouts are planned. No major cut or fill is required. If a permanent road is required, the road surface will be elevated, crowned, ditched and drainage installed as necessary. Surfacing material for a permanent road will be gravel purchased through the surface contractor, or from a State permit.

3. Location of Existing Wells - Exhibit "K"

Existing wells within a two-mile radius of proposed locations are shown on Exhibit "K".

4. Location of Existing and/or Proposed Facilities - Exhibit "K"

- A. Lessee has existing facilities within a one-mile radius of the proposed location as shown on Exhibit "K".

- B. The proposed production layout is detailed in Exhibit "E" at a 1"=50' scale. Production and burn pits will be fenced with top flagging over production pit. The two 500 barrel tanks will be inside a 50' x 30' x 4.5' retaining wall to prevent contamination in the unlikely event of a tank rupture. This retaining wall will be fenced. Flow lines will be buried and have a working pressure greater than the pressure to be applied.
- C. Disturbed area not required for production operations will be restored in such a manner as practicable to conform to the original topography. The drainage at the north end of the pad will be restored after drilling. Top soil will be redistributed evenly to the disturbed unused area and re-seeded as per Bureau of Land Management requirements.

5. Location and Type of Water Supply

Water used for drilling and completion operations will be obtained from the Price River at a location in SE NE, Sec. 10, T. 16 S., R. 10 E. Some water may be purchased from Wellington City. Water will be hauled along existing and proposed access roads. A permit to utilize this Price River water source will be obtained from the State of Utah.

6. Source of Construction Materials

- A. No construction materials not available at the drill site will be required during drilling operations other than gravel. Gravel purchased from an approved source will be used in making the well site and access road serviceable under all weather conditions.
- B. Materials will not be obtained from Federal or Indian lands.
- C. No access road will be needed other than that leading from the county road to the drill site as shown on Exhibits "J" and "K".

7. Methods of Handling Waste Disposal

- A. Drill cuttings, water, drilling fluids, etc., created by drilling operations will be placed in the reserve pit. When sufficient time has elapsed for liquid wastes to dry, the reserve pit will be backfilled as close to the original contour as possible, topsoil spread and re-seeded as per BLM specifications.
- B. Sewage disposal will be by self-contained chemical toilets with disposal in an approved sanitary land fill.

- C. All garbage will be contained in a trash cage. All trash and garbage will be removed from location and disposed of in an approved sanitary land fill.
- D. All produced fluids will be stored in tanks and trucked from location; oil to the pipeline transfer point; and water to an approved disposal well or a drilling well.

8. Ancillary Facilities

None are planned.

9. Well Site Layout - Exhibit "C"

- A. Exhibit "C" shows the wellsite layout plan and cross-sections, Exhibit "D", of the proposed location showing amounts of cut and fill required. The reserve pit will not be lined. Mud pit embankments of fill material will be key seated.
- B. The minor drainages crossing the pad area will not be re-routed.
- C. Topsoil on the proposed location will be removed to its maximum depth and stockpiled on all appropriate sides of the location. The stockpiled topsoil will be rounded off in a manner to minimize soil loss to wind and water erosion and to prevent contamination and compaction. If the well is a producer, all topsoil not utilized in re-storing the unused disturbed lands will be seeded with a seed mix prescribed by the BLM.

10. Plans for Restoration of Surface

- A. The reserve pit and unused surface will be restored and contoured as close as possible to the original topography.
- B. The unused disturbed surface will be covered with stockpiled topsoil and re-seeding with a seed mix and re-seeding method prescribed by the BLM. Re-seeding will take place during the period of September to December.
- C. Pits will be fenced on three sides with four strands of barbed wire. After drilling operations cease, the fourth side will be fenced. The fence will be kept in good repair until pits are restored.
- D. Upon completion of drilling operations, the location and surrounding area will be cleared of all debris. All trash will be removed from location and disposed of in an approved sanitary land fill.

- E. Any oil on pits will be removed and pits will be overhead flagged.
- F. Rehabilitation will begin as soon as practicable after rig move out and will be completed when pits have dried and the season allows re-seeding.

11. Other Information

- A. The location and road will be along areas consisting of rock and wash material. Most of the area to be disturbed has little soil development.
- B. Vegetation includes sagebrush, locoweed and a few native grasses. Fauna consists of antelope, rabbits, ground squirrels, lizards of various types not exceeding 12 inches in length, and assorted flying and crawling insects.
- C. Grazing is the only surface use activity in the immediate area of the location.
- D. No dwellings of any kind exist in the area and no archeological, historical or cultural sites are apparently present except those noted in the attached Archeological report.
- E. The leasehold acreage is Federal with surface administered by the Bureau of Land Management. The well is located on Lease U-15639A with Skyline Oil Company, Operator, conducting operations under Designation of Operator from Vern H. Bolinder and Julienne J. Bolinder, lessees of record. The well site access road traverses only land under Lease U-15639A.
- F. Surface disturbance and vehicular travel will be limited to the approved location and approved access route.
- G. If subsurface cultural or paleontological material is exposed during construction, work will stop immediately and the Price River Resource Area office contacted.
- H. The BLM representative will be notified 48 hours prior to initiation of any surface disturbance associated with a new access road or drilling pad location.
- I. Upon completion of drilling operations, the BLM's representative will be notified of production and/or restoration plans.
- J. Any production facilities will be painted a single, low gloss, pastel color that blends in with the surrounding soil, rock, and/or vegetation. Color will be approved by the BLM prior to application.

12. Lessee's or Operator's Representative

Skyline Oil Company's representative is Reed G. Spjut,
2000 University Club Building, Salt Lake City, Utah
84111, telephone (801) 521-3500.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 Skyline Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Aug 18, 1982
Date

Clifford Selin
Senior Staff Engineer



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010
Tel: (801) 292-7061 or 292-9668

August 11, 1982

Subject: Cultural Resource Evaluations of Six Proposed
Drill Locations and Access Roads in the Mounds
Locality, Emery County, Utah

Project: Skyline Oil Company, Federals 3-23, 5-32, 10-33,
10-13, 12-22, and 14-31

Project No.: SKOC 82-8

Permit: U.S. Dept. of Interior, 31-Ut-179

To: Mr. Reed Spjut, Skyline Oil Company,
2000 University Club Building, 136 East
South Temple, Salt Lake City, Utah 84111

Mr. Leon Berggren, Area Manager, Price River
Resource Area, Bureau of Land Management,
P.O. Box AB, Price, Utah 84501

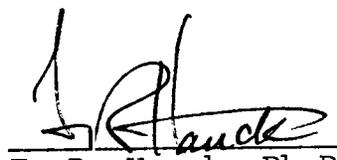
Mr. Gene Nodine, District Manager, Moab
District Office, Bureau of Land Management,
P.O. Box 970, Moab, Utah 84532

Conclusion/Recommendations: (Continued)

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. A qualified archeologist or paleontologist be consulted should cultural remains from subsurface deposits be exposed during construction work, or if the need arises, to relocate or otherwise alter the construction area.



Jacki Montgomery
Staff Archeologist



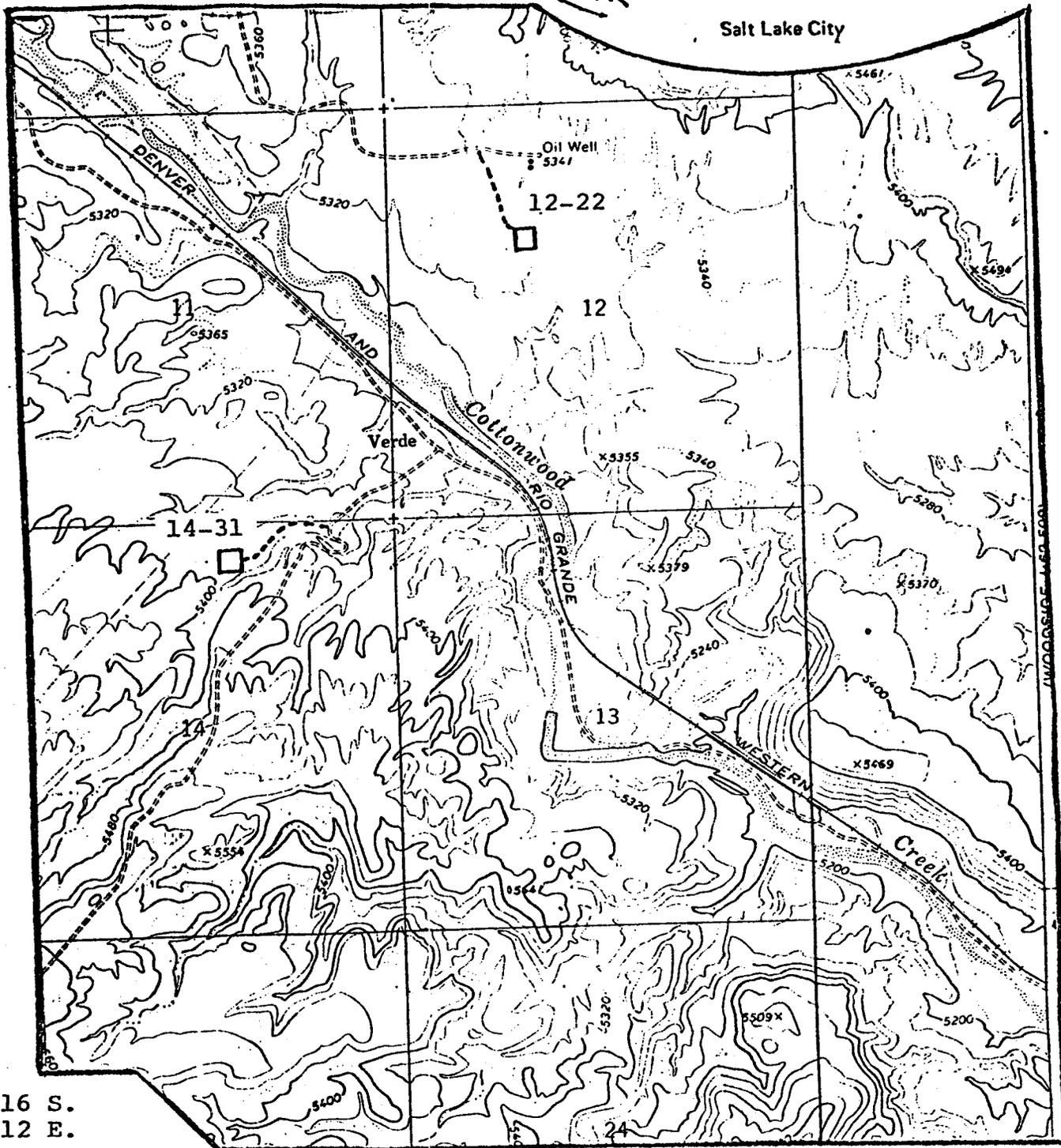
F. R. Hauck, Ph.D.
President

JM:sjb

ARCHEOLOGICAL-ENVIRONMENTAL
RESEARCH CORPORATION



Salt Lake City



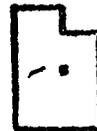
T. 16 S.
R. 12 E.

Meridian: Salt Lake B. & M.

Quad:

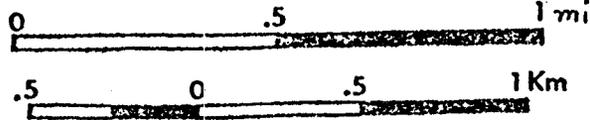
Project: SKOC 82-8	MAP #1
Series: East Central Utah	CULTURAL RESOURCE INVENTORY.
Date: 7-16-82	IN EMERY COUNTY, UTAH

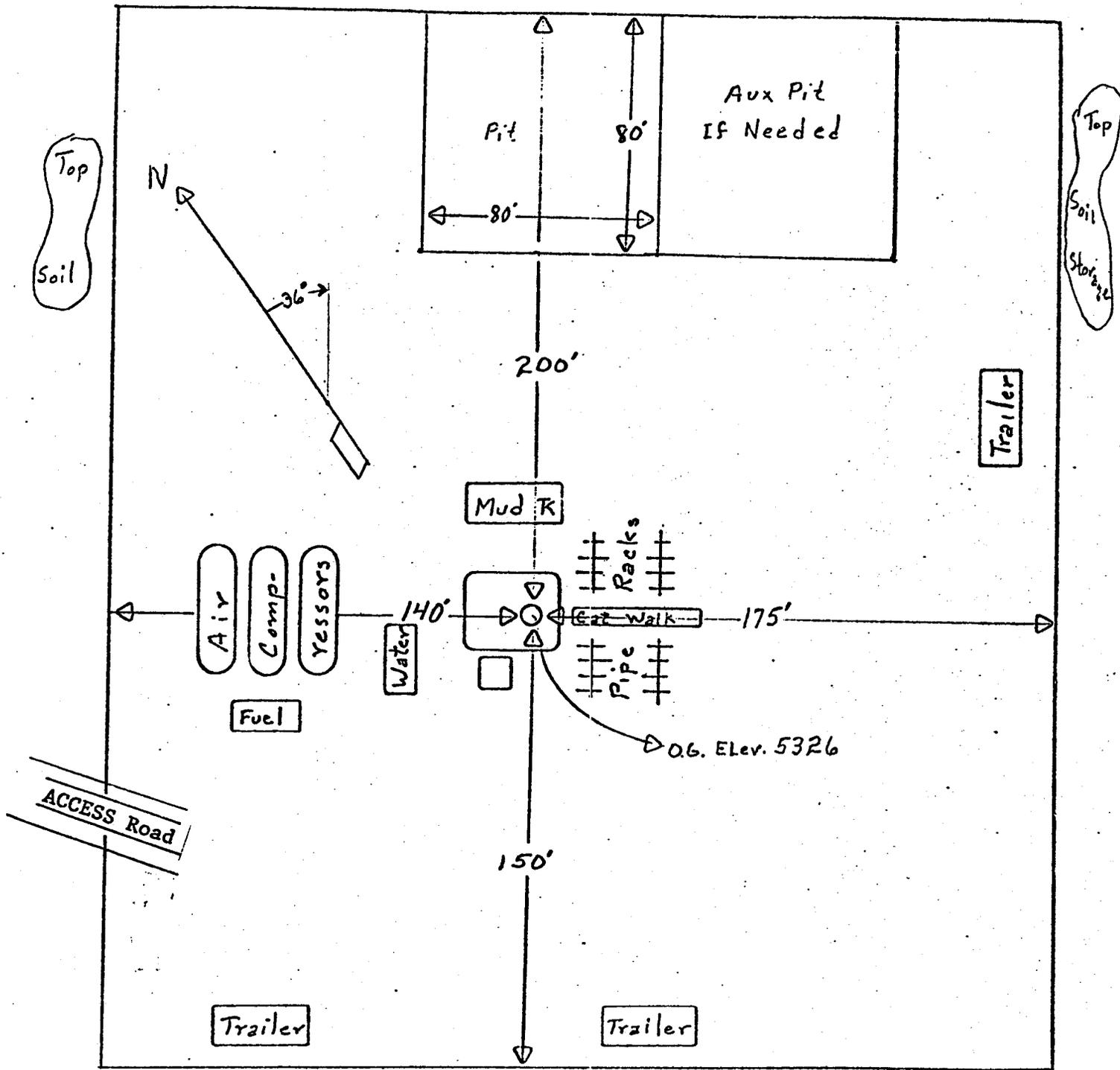
Mounds, Utah
7.5 minute
USGS



Legend:

- Proposed Drill Location
- Existing Road
- Proposed Access Route





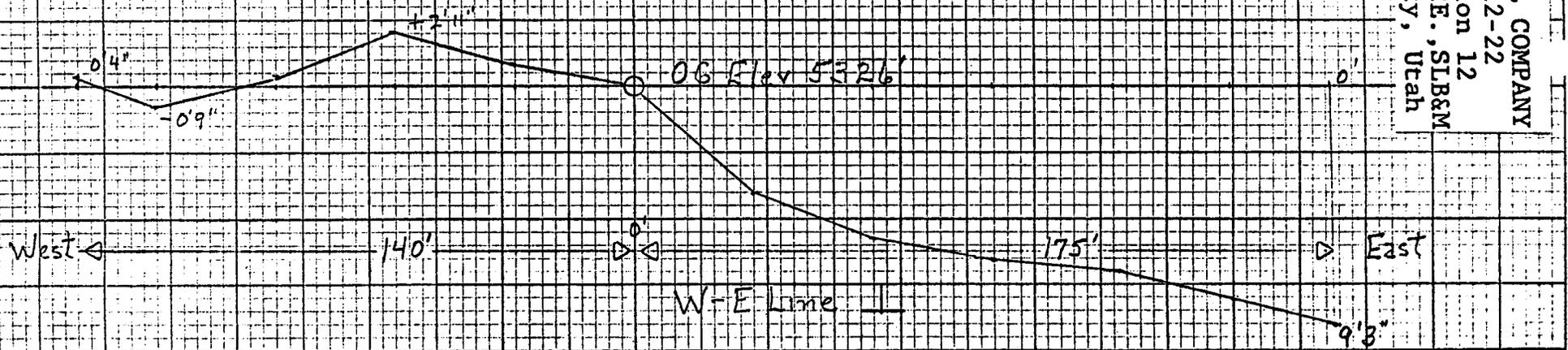
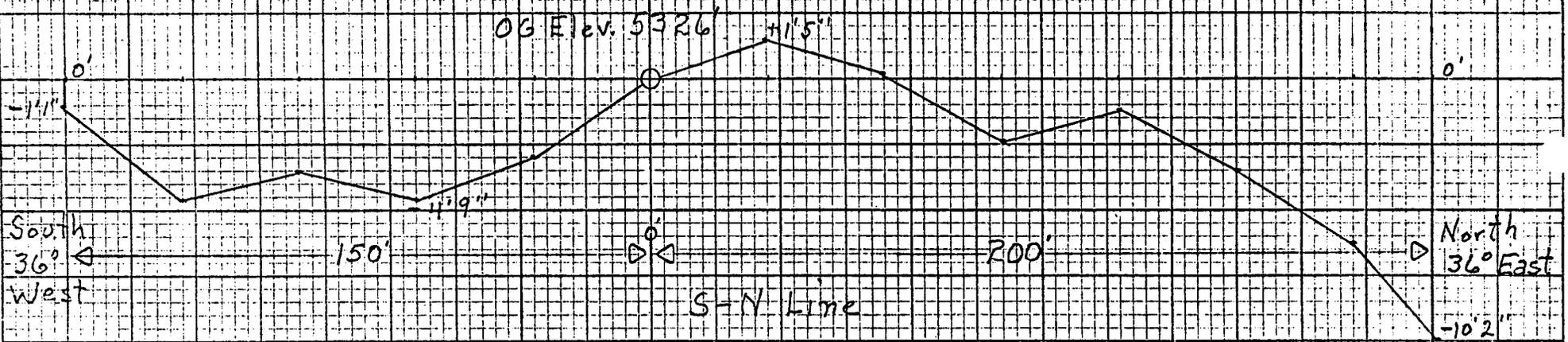
Drill Site Plan

Top soil

EXHIBIT "C"

SKYLINE OIL COMPANY
 FEDERAL 12-22
 SE NW Section 12
 T.16S., R.12E., SLB&M
 Emery County, Utah

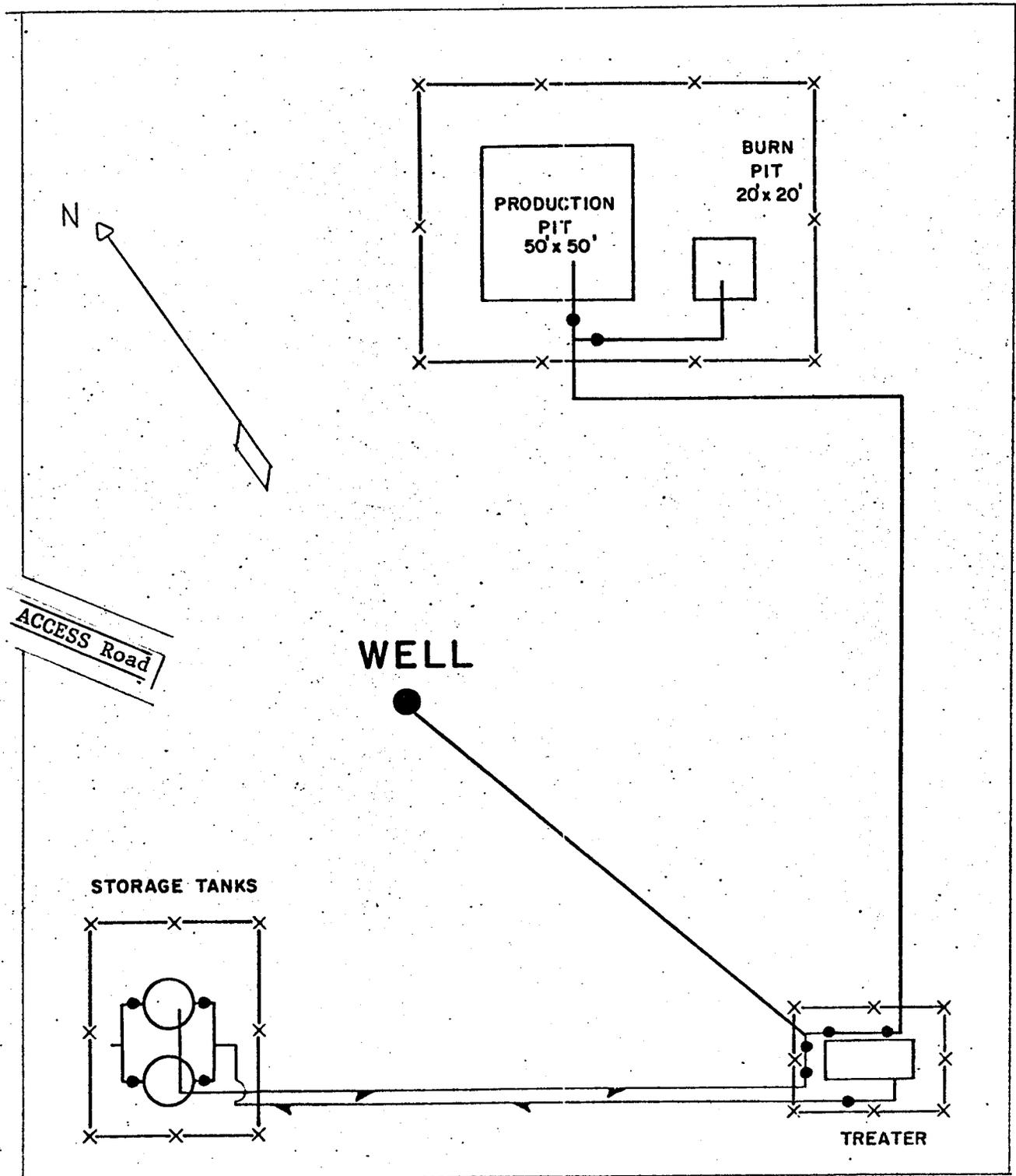
Grassy Trail Fed. #12-22



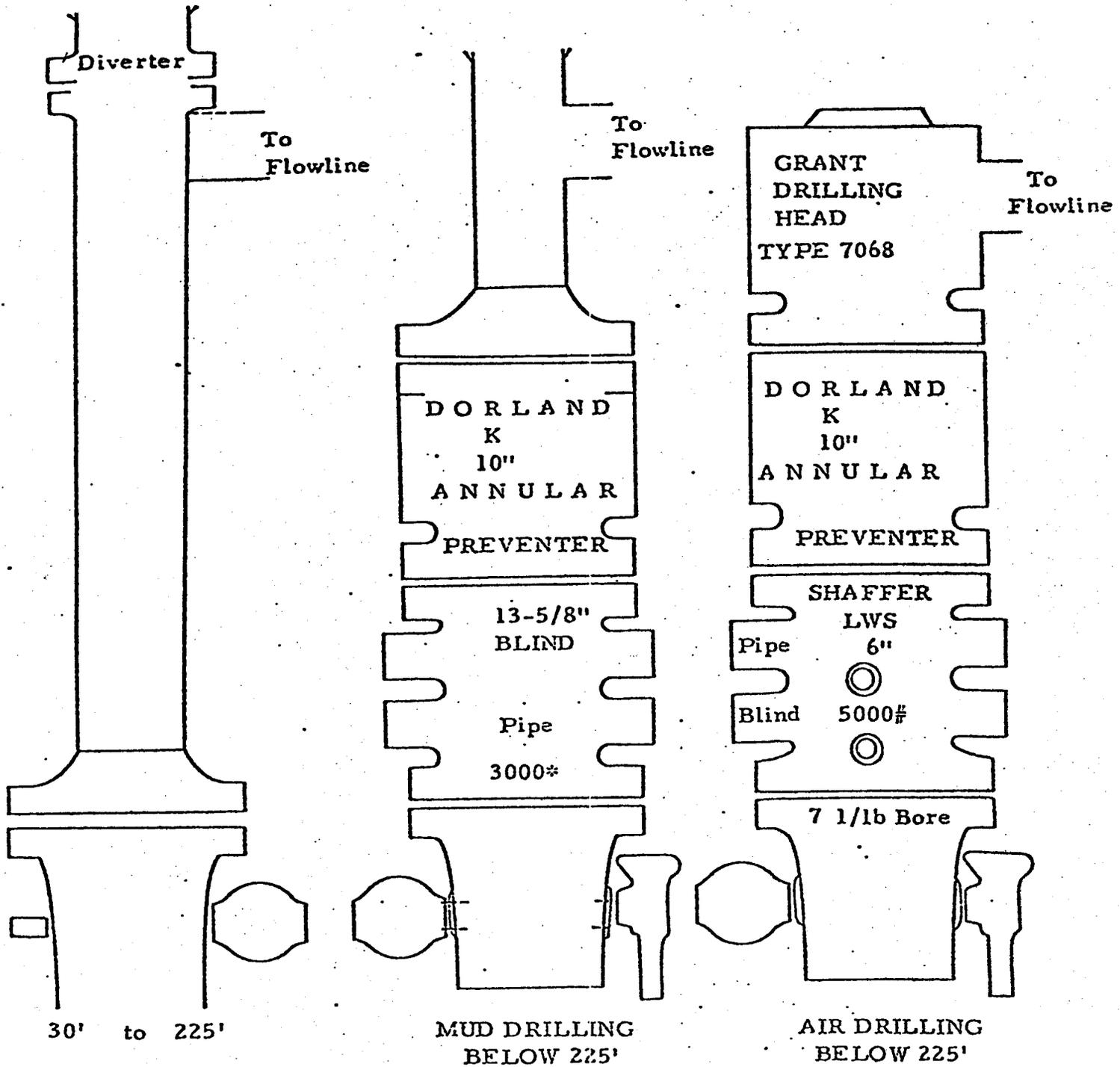
SKYLINE OIL COMPANY
 FEDERAL 12-22
 SE NW Section 12
 T.16S., R.12E., S1B&M
 Emery County, Utah

Cross Sections of Proposed Pad Area
 Horizontal Scale 1" = 40'
 Vertical Scale 1" = 6'

EXHIBIT "D"



SKYLINE OIL COMPANY
 FEDERAL 12-22
 SE NW Section 12
 T.16S., R.12E., SLB&M
 Emery County, Utah
 EXHIBIT "E"



SKYLINE OIL COMPANY
 FEDERAL 12-22
 SE NW Section 12
 T.16S., R.12E., SLB&M
 Emery County, Utah

EXHIBIT "F"

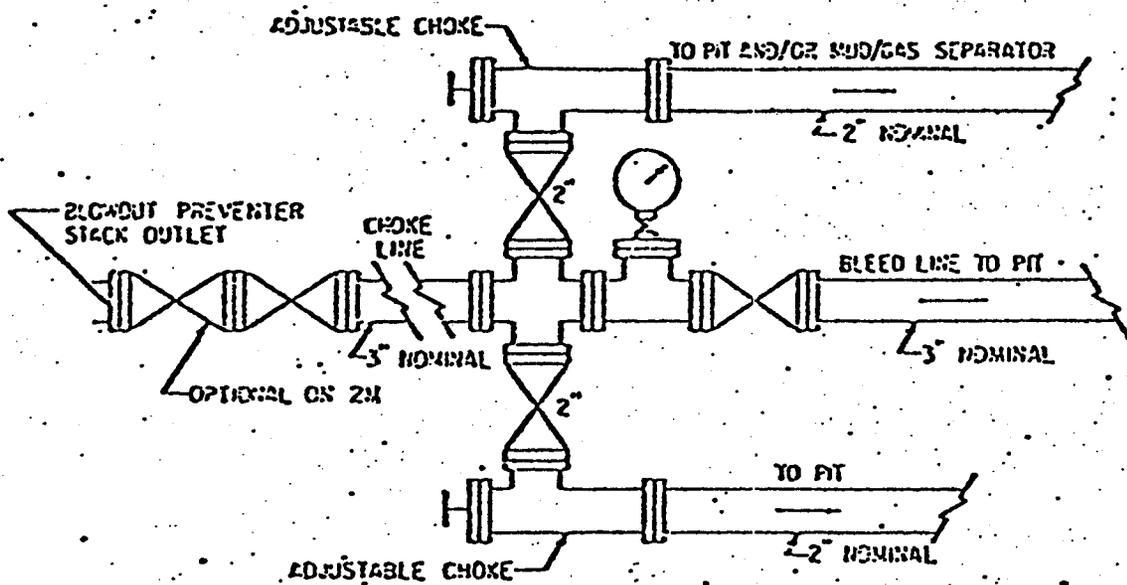


FIG. 3.A.1
 TYPICAL CHOKE MANIFOLD ASSEMBLY
 FOR 2M AND 3M RATED WORKING
 PRESSURE SERVICE — SURFACE INSTALLATION

SKYLINE OIL COMPANY
 FEDERAL 12-22
 SE NW Section 12
 T.16S., R.12E., SLB&M
 Emery County, Utah

EXHIBIT "G"



United States Department of the Interior

IN REPLY REFER TO

3100
(U-066)

BUREAU OF LAND MANAGEMENT
Moab District
Price River Resource Area
P. O. Drawer AB
Price, Utah 84501

August 16, 1982

Memorandum

To: District Engineer, MMS, Salt Lake City, Utah
Attention: George Diwachak

From: Area Manager, Price River

Subject: Skyline Oil Company's Wells 12-22, 10-33, 5-32, 14-31, 10-13,
& 3-23

An inspection of the proposed drill sites and access routes for subject wells was accomplished on August 10, 1982, in response to the staking requests. Stipulations that will be placed on our approval of the operation follow. These may be incorporated into the APD being prepared by Skyline.

1. The BLM's representative (Sid Vogelpohl, 801-637-4584) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location.

2. Skyline Oil shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.

3. If subsurface cultural or paleontological material is exposed during construction, work will stop immediately in that area and the Price River Resource Area will be contacted for guidance in proceeding.

4. Six to eight inches of topsoil on the entire pad sites shall be removed and stockpiled in a manner to minimize soil loss to wind and water erosion. Stockpiles shall be rounded off and located so that soil is not contaminated or compacted. In the event that the well is a producer, soil stockpiles shall be seeded. A seed mix will be provided by the BLM.

5. Any sand or gravel hauled to the drill sites or roads may be required to be removed from the site during reclamation.

6. Residues and contaminated earth in mud pits may be required to be completely removed if, with reclamation, same would be near or exposed at the surface.

7. Garbage or burn pits will not be allowed. All garbage and trash will be collected daily and contained in a trash basket for final disposal at the Carbon County landfill or a private landfill. Littering of access roads by personnel involved in the drilling operation shall be prevented or corrected by Skyline Oil. Litter pickup along access roads may be required of the operator.

8. Cuts into hills at drill sites 10-13 and 10-33 shall be concave away from the hill and generally shall have slopes no steeper than 1v:2h.

9. The roads as were flagged during the onsite inspections, including the connecting road in Section 5, are approved. Driving surface widths are to be limited to 16 feet with turnouts at least every 1,000 feet or less as determined by terrain. Construction of roads to be used for access to only one drill site shall be limited to blading with an outslope and construction of low-water crossing at all drainages except that a culvert (12") will be installed where the proposed road to 5-32 leaves the County road. Roads providing access to more than one well site will also be 16 feet wide with turnouts and will be crowned and ditched or sloped with water bars and water turnouts. The connecting road in Section 5 shall be to the same standards as the adjoining County roads. (Refer to BLM/USGS Surface Operating Standards, Figures 1 through 7.) Changes in finished road design may be required by the BLM.

10. The operator may install a cattleguard in the BLM fence for the duration of the operation. The existing tauntness of the barbed wire shall be maintained throughout the operation. At no time during road construction or thereafter shall cattle be allowed to traverse the fenceline at or near the cattleguard. Wings are required on the cattleguard.

11. Mud pits not based in at least four feet of cut material shall have the embankments of fill material key seated to ensure pit stability and fluid retention. The fill used in embankments shall be placed in lifts and compacted.

12. Upon completion of drilling operations, the BLM's representative shall be notified of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.

13. Reclamation shall include contouring of the pad to blend with landforms in the general area, redistribution of topsoil and seeding. Seeding shall be accomplished during the period of September to December. A seed mix and seeding method will be provided by the BLM with the advent of reclamation.

14. Any production facilities will be painted a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the BLM's representative.

Threatened or endangered animal or plant species are not known to be present. An archaeological clearance has been granted.

/s/ Leon E. Berggren

cc:
Skyline Oil Company ✓
2000 University Club Bldg.
Salt Lake City, Utah 84111



IN REPLY
REFER TO:

United States Department of the Interior

MINERALS MANAGEMENT SERVICE
CENTRAL REGION

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

August 17, 1982

Clifford Selin
Skyline Oil Company
2000 University Club Building
Salt Lake City, Utah 84111

Re: Notice of Staking
Wells No. 10-33, 12-22
5-32, 10-13, 3-23, and
14-31

Dear Mr. Selin,

Enclosed are my recommended stipulations for inclusion in the Surface Use Plans for the referenced wells as developed and discussed at the onsite inspections on 8-10-82.

Sincerely,


George J. Diwachak

RECOMMENDED STIPULATIONS

SKYLINE 10-33.CE8

13-33

1. STOCKPILE TOPSOIL ON SW and NE SIDES OF LOCATION
2. AVOID WASH ON NORTH SIDE OF PAD.

12-22

1. ALL PORTIONS OF THE RESERVE PIT CONSTRUCTED IN FILL MATERIAL SHALL BE KEYSEATED OR CORE TRENCHED. RESERVE PIT BANKS WILL BE CONSTRUCTED IN 8 TO 10 INCH LIFTS, AND MACHINERY COMPACTED.

5-32

1. STOCKPILE TOPSOIL NORTH OF PAD
2. ALL PORTIONS OF THE RESERVE PIT CONSTRUCTED IN FILL MATERIAL SHALL BE KEYSEATED OR CORE TRENCHED. RESERVE PIT BANKS WILL BE CONSTRUCTED IN 8 TO 10 INCH LIFTS AND MACHINERY COMPACTED

10-13

1. MOVE LOCATION 110 FT NW TO AVOID DRAINAGE
2. STOCKPILE TOPSOIL ON THE WEST SIDE OF PAD
3. ACCESS TO ENTER PAD IN SW CORNER

3-23

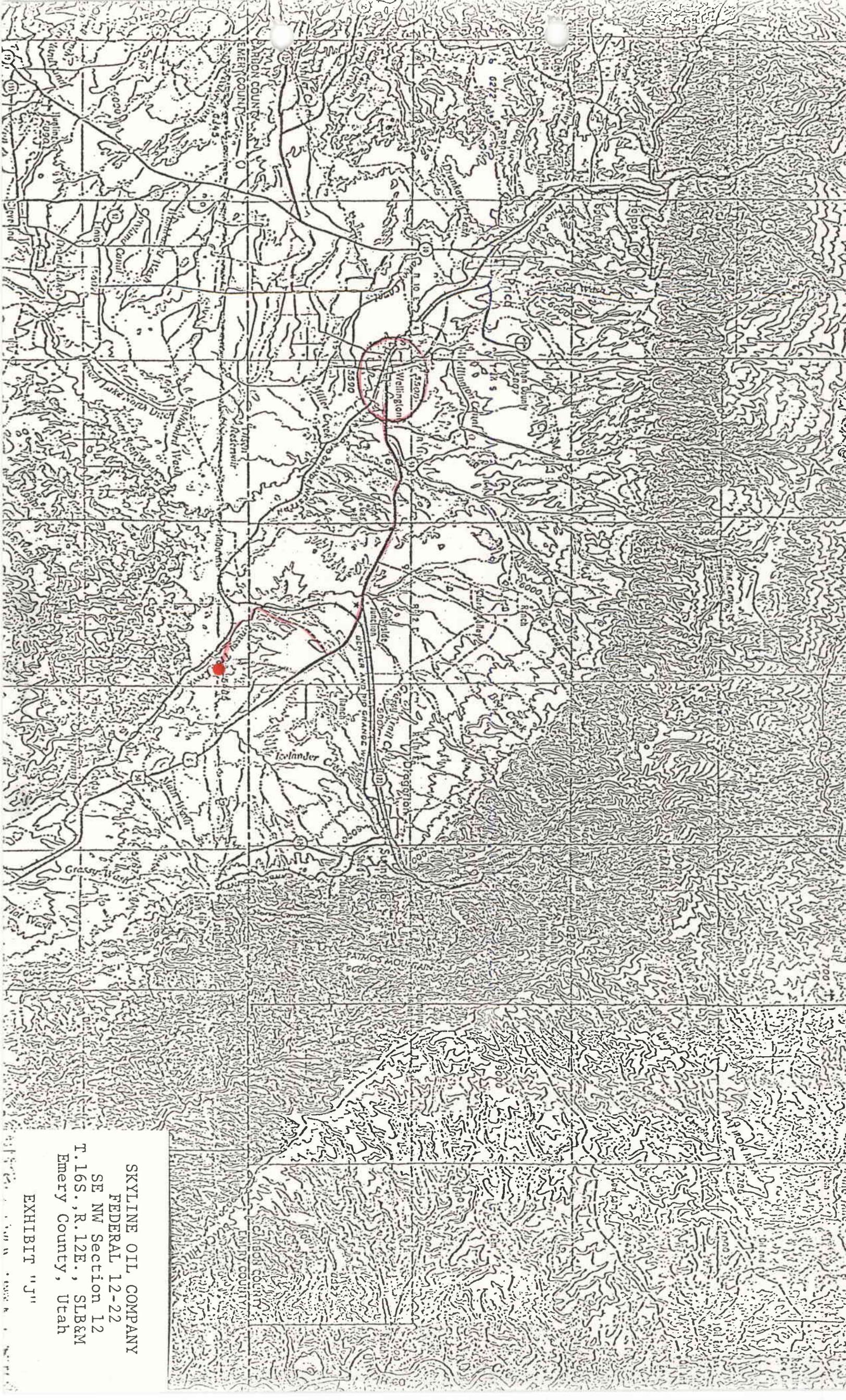
1. SPREAD TOPSOIL AROUND LOCATION

14-31

ALL PORTIONS OF THE RESERVE PIT CONSTRUCTED IN FILL MATERIAL SHALL BE KEYSEATED OR CORE TRENCHED, RESERVE PIT BANKS WILL BE CONSTRUCTED IN 8-10 INCH LIFTS AND MACHINERY COMPACTED.

FOR ALL LOCATIONS:

NEW ROADS TO BE CONSTRUCTED WILL BE UPGRADED TO BLM SPECIFICATIONS IF PRODUCTION IS ESTABLISHED



SKYLINE OIL COMPANY
FEDERAL 12-22
SE NW Section 12
T. 16S., R. 12E., S1B&M
Emery County, Utah
EXHIBIT "J"

CHECK WELL NAME & LOCATION ON APD AGAINST SAME DATA
ON PLAT MAP

AUTHENTICATE LEASE & OPERATOR FED

VERIFY ADEQUATE & PROPER BONDING FED

AUTHENTICATE FIELD OR RELATED TYPE OF WELL SITING

CHECK FOR UNIT AGREEMENT

APPLY SPACING CONSIDERATIONS C-3-D

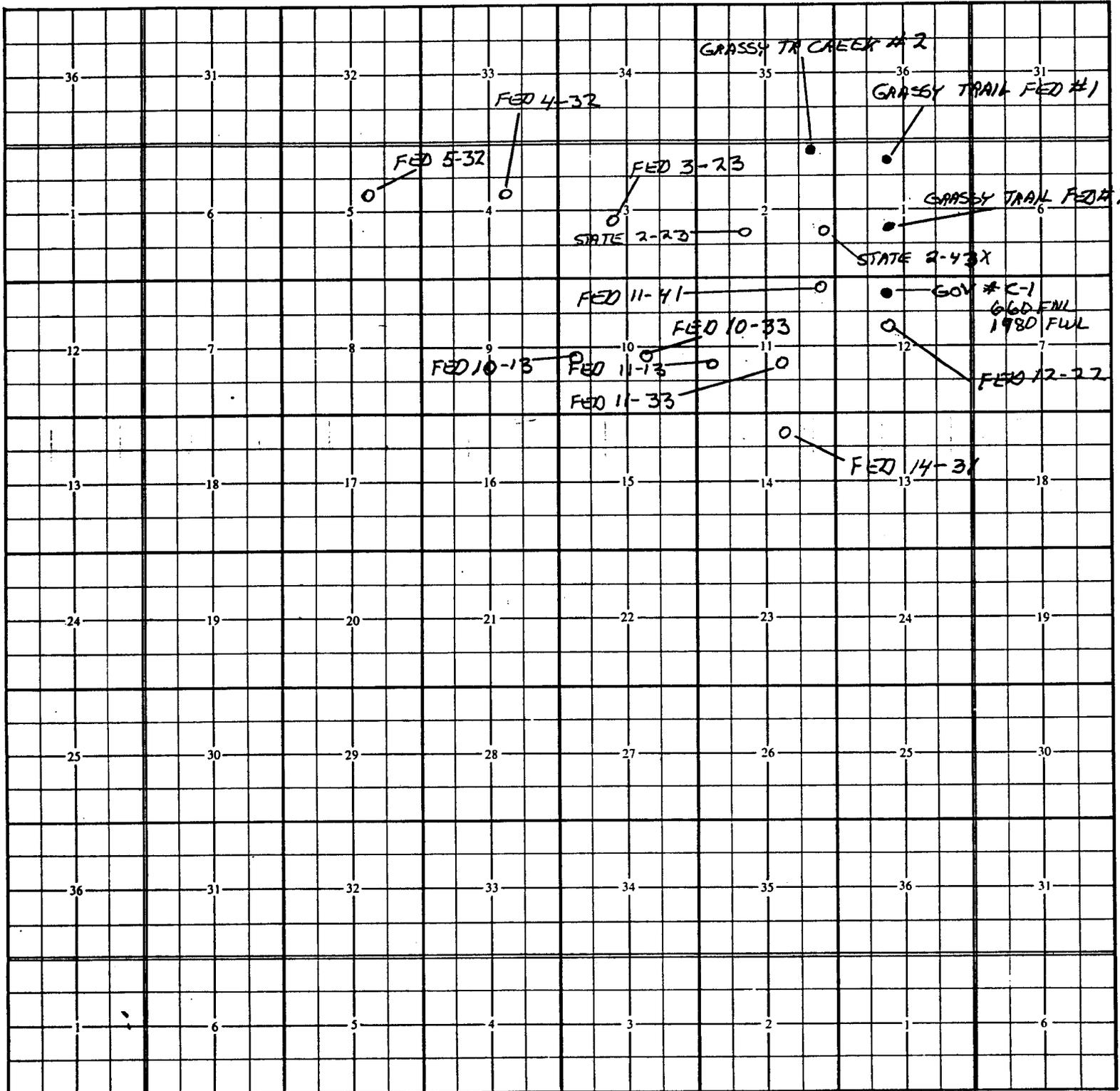
~~_____~~ NONE
O.A.E.P

Norm

TOWNSHIP PLAT

Owner _____ Date 9-9-82

Township 16 S Range 12 E County EMERY



September 10, 1982

Skyline Oil Company
2000 University Club Bldg.
Salt Lake City, Utah 84111

RE: Well No. Federal 12-22
SENW Sec. 12, T. 16S, R. 12E
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), 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:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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 43-015-30124.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Minerals Management Service
Enclosure

4

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

January 10, 1983

Reed Spjut
Skyline Oil Company
2000 University Club Building
Salt Lake City, Utah 84111

Dear Mr. Spjut:

In a December 16, 1982 telephone conversation, you were instructed to provide us with information and data concerning the bottom hole configuration of all your wells in the Grassy Trails field of Carbon and Emery Counties. Due to the horizontal drilling and completion techniques employed, the information is necessary to evaluate drainage and insure that State spacing requirements have been met. The revised Oil and Gas Operating Regulations, 30 CFR 221, require wells to be drilled and completed without deviating significantly from the vertical without prior written approval (221.25). The Applications for Permit to Drill (APD) for wells in the area were approved for vertical drilling only, as requested and reported in your proposed drilling plans.

Review of our records and Petroleum Information reports shows that the following wells have been drilled:

<u>Well No.</u>	<u>Location</u>	<u>Lease No.</u>
4-32	Sec. 4, T.16S., R.12E.	U-43777
10-13	Sec. 10, T.16S., R.12E.	U-43777
10-33	Sec. 10, T.16S., R.12E.	U-20857
11-33	Sec. 11, T.16S., R.12E.	U-43778
11-41	Sec. 11, T.16S., R.12E.	U-43778
14-11	Sec. 14, T.16S., R.12E.	U-43778
14-31	Sec. 14, T.16S., R.12E.	U-43778

Information and data concerning any multiple deviations and the depth, orientation or direction, length and size of the horizontal bore holes must be submitted to this office within 30 days.

Your plans for horizontal drilling, including depth, orientation, length, size and multiple deviations for the following wells, approved for drilling or currently being drilled, must also be submitted within 30 days:

State O#6

<u>Well No.</u>	<u>Location</u>	<u>Lease No.</u>
3-23	Sec. 3, T.16S., R.12E.	U-21520
5-32	Sec. 5, T.16S., R.12E.	U-20857
10-11	Sec. 10, T.16S., R.12E.	U-43777
10-31	Sec. 10, T.16S., R.12E.	U-20285
11-11	Sec. 11, T.16S., R.12E.	U-43778
11-13	Sec. 11, T.16S., R.12E.	U-43778
12-13	Sec. 12, T.16S., R.12E.	U-43778
12-22	Sec. 12, T.16S., R.12E.	U-013639 A
13-11	Sec. 13, T.16S., R.12E.	U-43778
15-31	Sec. 15, T.16S., R.12E.	U-20285

Additionally, any future APD's must include such horizontal drilling plans in the reported drilling program submitted for approval. Any deviations from reported and approved plans must also be reported to this office. If requested, information will be kept confidential per 30 CFR 221.33.

Failure to comply with this request will be considered an incident of noncompliance and assessments of \$250 per well per day could be levied for all the above mentioned wells per 30 CFR 221.52.

A review of our files for your wells revealed a lack of required reports and notifications. Monthly Reports of Operations (Form 9-329), weekly drilling reports per the Conditions of Approval for Notice to Drill and unreported spuds should be updated immediately and be maintained on a regular basis as required.

Sincerely,

E. W. Gwynn
District Oil & Gas Supervisor

E. W. Gwynn
District Oil and Gas Supervisor

bcc: George
Well Files (17)
Utah State O&G ✓

GJD/kr

Branch of Fluid Minerals
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

July 12, 1983

Skyline Oil Company
2000 University Club Building
Salt Lake City, Utah 84111

Re: Rescind Application for Permit
to Drill
Well No. 12-22
Section 12, T. 16 S., R. 12 E.
Emery County, Utah
Lease U-15639-A

Gentlemen:

The referenced application for permit to drill is rescinded per your request.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of the well will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS

 E. W. Gynn
Chief, Branch of Fluid Minerals

bcc: Well File
SMA
State O&G ✓
State BLM
APD Control

WPM/kr



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

August 18, 1983

Skyline Oil Company
2000 University Club Bldg.
Salt Lake City, Utah 84111

RE: Application for Permit to Drill
Well No. 12-22
Sec. 12, T. 16S, R. 12E
Emery County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in black ink, appearing to read "Norman C. Stout", with a long horizontal line extending to the right.

Norman C. Stout
Administrative Assistant

NS/as