

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC FILE WATER SANDS LOCATION EXPECTED OIL SUB. REPORT/abd.

Operator change from Texas Eastern Skyline to Samedan Oil Corp. 2-5-87

* Commenced Production 4-20-84 (PGW)

DATE FILED 4-5-82 3-11-85 (UIC application filed)

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-46818 INDIAN

DRILLING APPROVED: 4-8-82 4-15-85 (UIC application approved)

SPUDDED IN: 4-11-82

COMPLETED: 7-31-82 SIGW PUT TO PRODUCING: 6-12-82

INITIAL PRODUCTION: 18 BOPD, 1446 MCF, 12 BWPD

GRAVITY A.P.I. 53

GOR: 76,508

PRODUCING ZONES: Ismay 6152'-65', 6188'-92', and 6195'-6200'

TOTAL DEPTH: 6500'

WELL ELEVATION: 6123' GR

DATE ABANDONED:

FIELD: Mustang Flat

UNIT: MUSTANG UNIT

COUNTY: SAN JUAN

WELL NO. FEDERAL #1 (MUSTANG UNIT #1) API 43-037-30776

LOCATION 28.1 FT. FROM (N) LINE, 1026 FT. FROM (E) LINE. NENE ¼-¼ SEC. 27

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
36S	23E	27	SAMEDAN OIL CORPORATION				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	2170'	Molas
Alluvium	Wahweap	Shinarump	2806'	Manning Canyon
Lake beds	Masuk	Moenkopi	2920'	Mississippian
Pleistocene	Colorado	Sinbad		Humbug
Lake beds	Sego	PERMIAN		Brazer
TERTIARY	Buck Tongue	Kaibab		Pilot Shale
Pliocene	Castlegate	Coconino		Madison
Salt Lake	Mancos	Cutler	3103'	Leadville
Oligocene	Upper	Hoskinnini		Redwall
Norwood	Middle	DeChelly		DEVONIAN
Eocene	Lower	White Rim		Upper
Duchesne River	Emery	Organ Rock		Middle
Uinta	Blue Gate	Cedar Mesa		Lower
Bridger	Ferron	Halgaite Tongue		Ouray
Green River	Frontier	Phosphoria		Elbert
	Dakota	Park City		McCracken
	Burro Canyon	Rico (Goodridge)		Aneth
	Cedar Mountain	Supai		Simonson Dolomite
	Buckhorn	Wolfcamp		Sevy Dolomite
	JURASSIC	CARBONIFEROUS		North Point
Wasatch	Morrison	Pennsylvanian		SILURIAN
Stone Cabin	Salt Wash	Oquirrh		Laketown Dolomite
Colton	San Rafael Gr.	Weber		ORDOVICIAN
Flagstaff	Summerville	Morgan		Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	4770'	Pogonip Limestone
Almy	Curtis			CAMBRIAN
Paleocene	Entrada	Pardox		Lynch
Current Creek	Moab Tongue	Ismay	6110'	Bowman
North Horn	Carmel	Desert Creek	6354'	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah'	6462'	Ophir
Montana	Navajo	Barker Creek		Tintic
Mesaverde	Kayenta			PRE-CAMBRIAN
Price River	Wingate	Cane Creek		
Blackhawk	TR IC			

SKYLINE 
Oil Company

A TEXAS EASTERN COMPANY

RECEIVED

APR 06 1982

DIVISION OF
OIL, GAS & MINING April 5, 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
Proposed Mustang Unit # 1 Well
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, T 36 S, R 23 E, SLM
San Juan County, Utah
Federal Lease No. U-46818

Gentlemen:

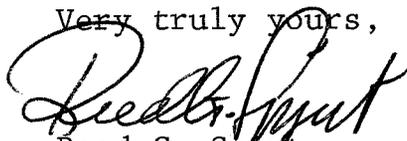
Enclosed herewith in triplicate is our Application For Permit To Drill with attached Exhibits for the subject proposed well.

We request that you grant an exception to the requirements of Rule C-3(b) as to the situs of the above well location. The ownership of all oil and gas leases within a radius of 660 feet of the proposed location are parties to the Mustang Unit Agreement covering the drilling of the above proposed well. The Mustang Unit, with Skyline Oil Company as unit operator, is a Federal Unit with all oil and gas lease owners within the Unit outline parties thereto thus satisfying the consent in writing requirement under Rule C-3(c)(2).

A copy of the proposed Mustang Unit Agreement has been filed with the State of Utah Land Board.

Please give us a call if additional information is required.

Very truly yours,



Reed G. Spjut
Exploration Manager

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN THIS DATE*
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R1425.

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., S.L.C., Utah 48111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 281' FNL, 1026' FEL (NE $\frac{1}{2}$ NE $\frac{1}{4}$) Sec. 27
At proposed prod. zone T. 36 S., R. 23 E., S.L.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 miles E of Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 281'
16. NO. OF ACRES IN LEASE 320
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. NA
19. PROPOSED DEPTH 6450'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6123' GR
Akah Salt
22. APPROX. DATE WORK WILL START* 4-20-82

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 $\frac{1}{2}$ "	13-3/8"	48# H-40	50'	Redi-mix (to surface)
12 $\frac{1}{4}$ "	9-5/8"	36# K-55	2200'	400 sx (circ. to surf.)
8-3/4"	5 $\frac{1}{2}$ "	15.5 & 17# K-55	6450'	800 sx

Mud up as required.

Expected Formation Tops are as follows:

Surface - Dakota Formation
Entrada 1040'
Navajo 1275'
Chinle 2150'
Ismay 6080'
Desert Creek 6300'
Akah Salt 6430'

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/15/82
BY: *[Signature]*

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 *[Signature]* TITLE Exploration Manager DATE 5 April 82

(This space for Federal or State office use)

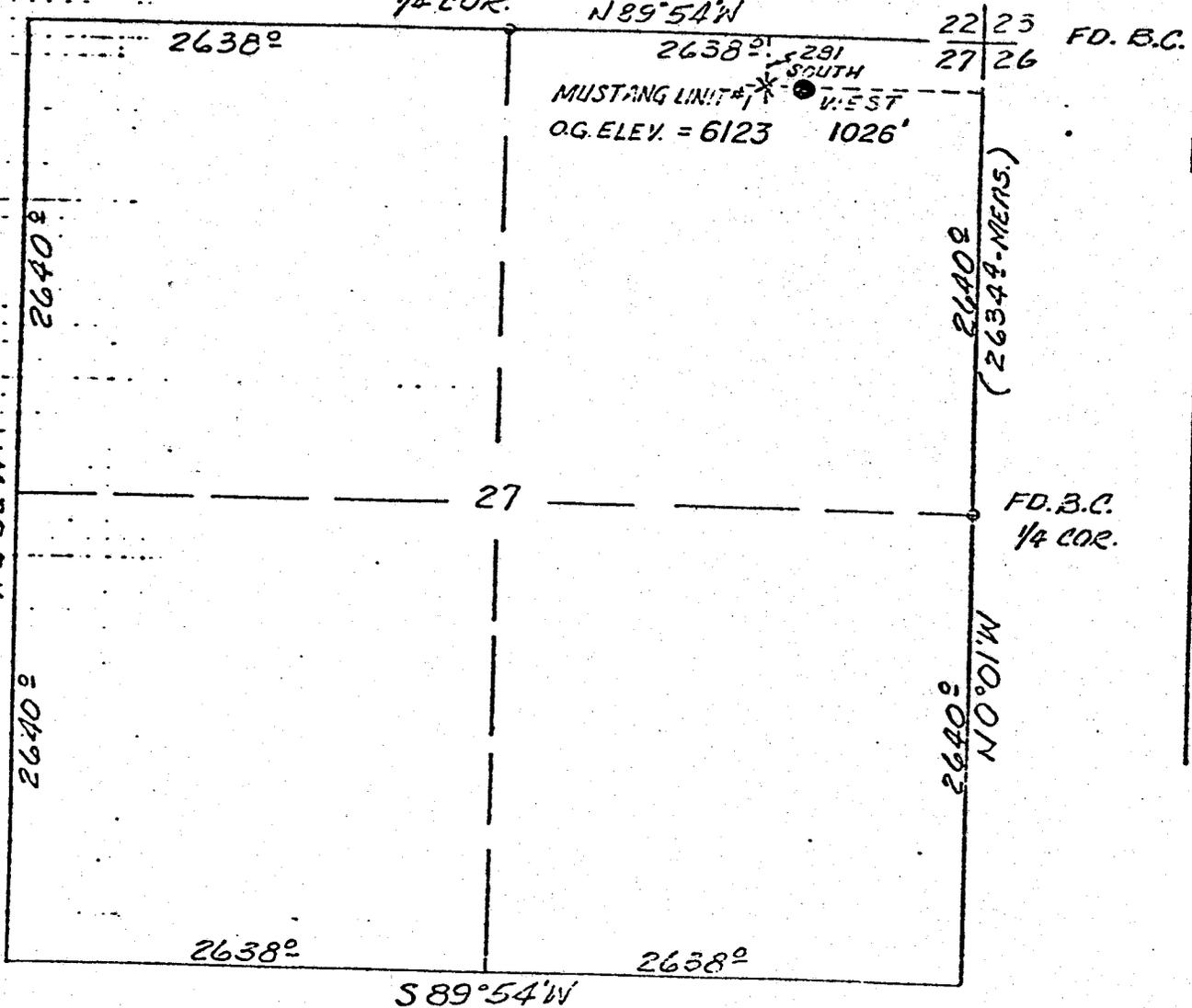
PERMIT NO. 43-037-30726 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

R23E

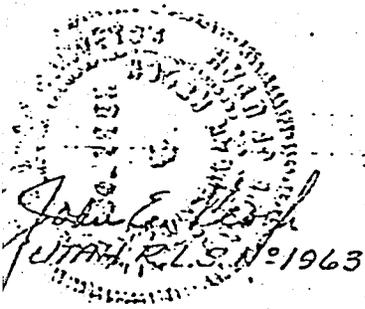
FD. B.C.
1/4 COR.



NOTE: BOUNDARY CALLS
ARE RECORD G.L.O. TWR MAP

WELL LOCATION PLAT OF
MUSTANG UNIT No. 1 III
NE 1/4, SEC. 27, T36S, R23E, S.L.B. & M.
SAN JUAN COUNTY, UTAH
TRANSIT & E.D.M. SURVEY
FOR: SKYLINE OIL CO.
SCALE: 1"=1000' MARCH 3, 1982

ELEV. BY VER. ANGLES FROM
U.S.G.S. TOPO. QUAD. "BLANDING, UTAH"
1957. (E. 1/4 COR., SEC. 27 = 6000)



ATTACHMENT A

SKYLINE OIL COMPANY
WILDCAT OIL WELL
MUSTANG UNIT #1
NE NE Sec. 27, T. 36 S., R. 23 E.,
San Juan County, Utah

1. The Geologic Name of the Surface Formation:

Dakota Formation (Lower Cretaceous)

2. Estimated Tops of Important Geologic Markers:

Entrada	1040'
Navajo	1275'
Chinle	2150'
Ismay	6080' *
Desert Creek	6300' *
Akah Salt	6430'

* Potential Oil Zones.

3. Proposed Casing Program:

<u>String</u>	<u>Size /</u>	<u>Weight /</u>	<u>Grade</u>	<u>Cond.</u>	<u>Depth Interval</u>
Conductor	13-3/8"	48#/ft.	H-40	New	0-50'
Surface	9-5/8"	36#/ft.	K-55	New	0-2200'
Production	5½"	15.5#/ft.	K-55	New	0-6450' TD

4. Minimum Specification for Pressure Control Equipment:

A. Casinghead Equipment:

Lowermost Head: 9-5/8" ST&C X 10" 3000 psi
Tubinghead: 10" 3000 psi X 8" 3000 psi
Adapter & Tree: 8" 3000 psi X 2½" 3000 PSI
Valves: 1 - 2½" 3000 psi & 2 - 2" 3000 psi

B. Blowout Preventers:

Refer to attached drawing "BOP Requirements".

C. Testing:

Stack will be tested to 2000 psi prior to drilling under surface and prior to drilling under intermediate casing. The Hydril will be tested to 1500 psi. Operational checks will be made periodically.

5. Drilling Mud Program:

From 0 - 2200', fresh water with gel as needed.

2200 - 6450', 8.8 to 9.1 gel/CMC low solids

non-dispersed fresh water mud

6. 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.

7. Testing, Coring and Logging Programs:

A. Drill stem tests.

2 drill stem tests, if warranted--one each in the Ismay and Desert Creek formations.

B. Cores.

No cores in Initial Well.

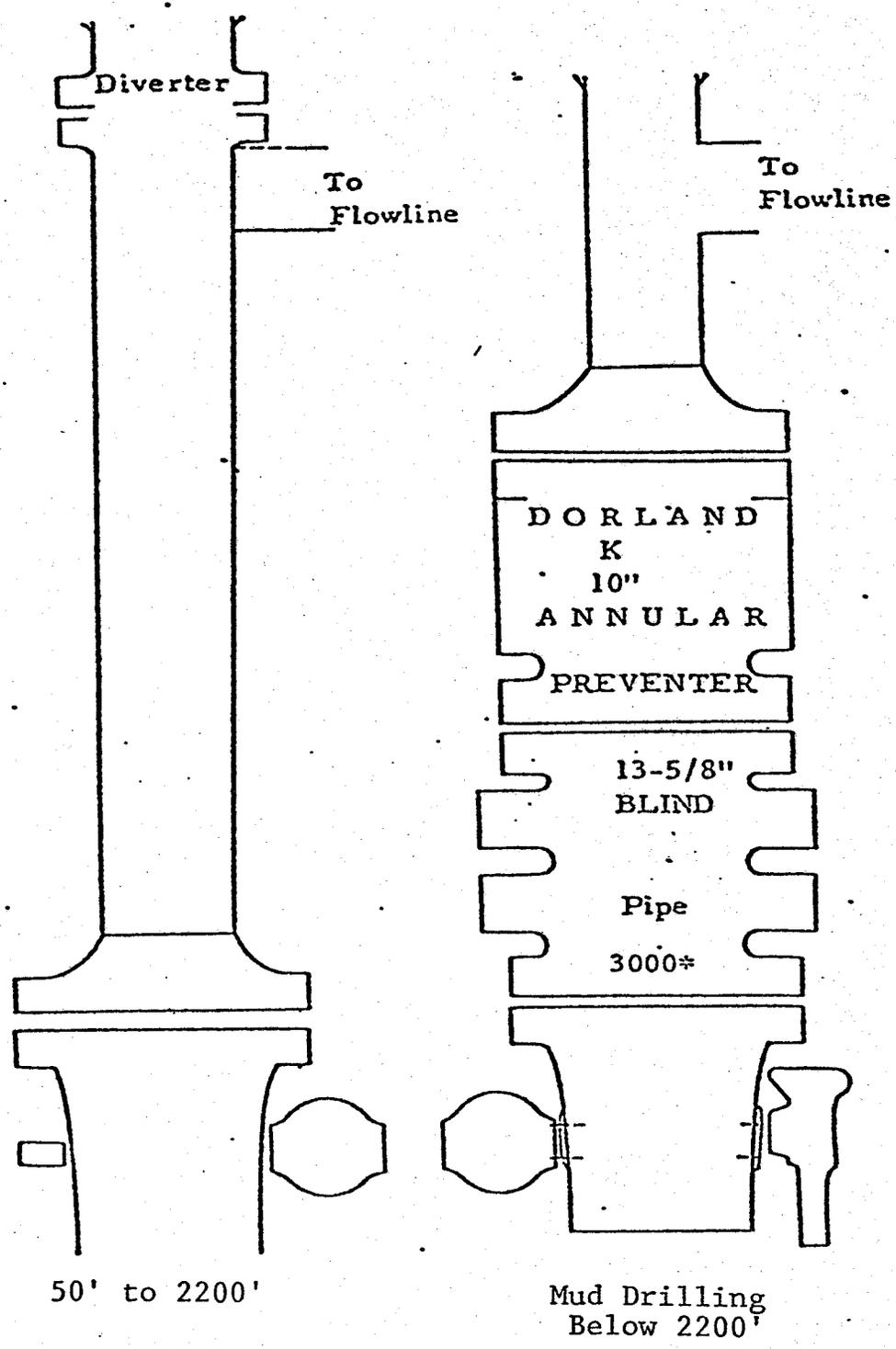
C. Logs.

Logging Program:

Dual induction log from bottom of surface pipe to TD. A compensated Neutron-Formation Density & GR & Caliper--from surface pipe to TD. Gamma Ray to Surface. Compensated Sonic Log from Surface to TD.

8. No abnormal pressures, temperatures or hazards are anticipated.
9. It is anticipated that drilling operations will commence April 20, 1982 with approximately 18 days of drilling and coring to reach T.D. Completion operations will require an additional 30 - 45 days.

Attachments



SKYLINE MUSTANG UNFT #1
SAN JUAN COUNTY, UTAH

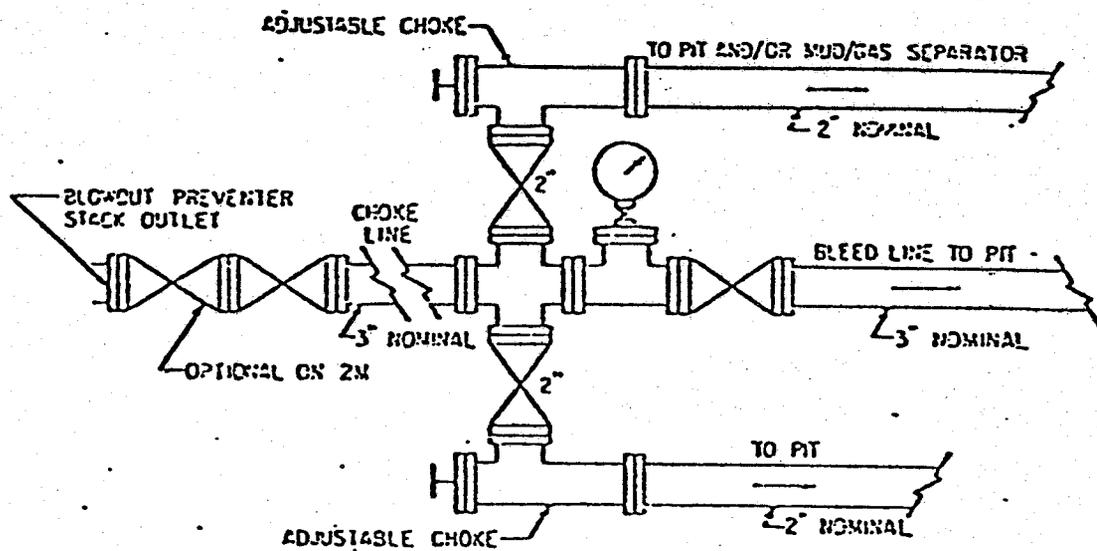


FIG. 3.A.1
 TYPICAL CHOKER MANIFOLD ASSEMBLY
 FOR 2M AND 3M RATED WORKING
 PRESSURE SERVICE - SURFACE INSTALLATION

GOVERNMENT DIRECTED MULTIPOINT PROGRAM
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL
PROPOSED EXPLORATORY WELL
SKYLINE OIL COMPANY
MUSTANG UNIT #1 NE NE SEC. 27 T. 36 S., R. 23 E.

1. Existing Roads - Exhibit "A"

- A. Topo Map "A" shows the well site as staked and its position relative to existing roads, planned access road, and topography.
- B. To reach the drill site, turn East off U. S. Route 160, 12½ miles South of Monticello, Utah onto Alkali Point Road. Go Southeast approximately 6½ miles to point of turn-off. Turn right or West on graded, unimproved road and go approximately 1½ miles to start of location access road shown in red. Location is approximately 1200' South from present unimproved road.
- C. Existing roads are shown on Exhibit "A".
- D. The county roads are maintained and are all-weather roads.
- E. No maintenance or improvements to existing county roads are planned. Grading will be done if necessary.

2. Planned Access Road - Exhibit "A"

The Graded, unimproved road and the Access road will be improved as necessary. The Access road will be 16' wide and approximately 1200' long. A cattle guard will be installed at the fence line. No major cut or fill is required. One culvert will be installed in a small drainage, in the unimproved road. If a permanent road is required, surface will be elevated, crowned, ditched and drainage installed as needed. Gravel will be used as surfacing material as necessary.

3. Location of Existing Wells

There are no existing wells known within a two-mile radius of proposed location.

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

- A. Lessee has no existing facilities within a one-mile radius of the proposed location.
- B. The proposed production layout is detailed in Exhibit "D" at a 1" = 50' scale. Production and burn pits will be fenced.

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. 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 to be hauled from spring-fed pond located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 34, T. 35 S., R. 23 E., along approximately 4 miles of county road and 2 miles of access road.

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.
- 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 Exhibit "A".

7. Methods of Waste Disposal

- A. All waste material created by drilling operations, garbage, and trash will be placed or transferred to burn pit and burned if combustible and pit subsequently filled with four to six feet of earth. Burn and trash pit will be fenced with small mesh wire to prevent wind scattering debris. Other waste material -- cuttings, water, drilling fluids, etc.--created by drilling operations will be placed in reserve pit and pit will be fenced at rig move-out. Fluids produced while completing well will be stored in tanks.
- B. When sufficient time has lapsed for liquid wastes in pits to dry, they will be backfilled as close to original contour as practicable, topsoil spread and re-seeded as per Bureau of Land Management requirements.
- C. Sewage disposal will be by means of self-contained chemical toilets.

8. Ancillary Facilities

None.

9. Well Site Layout - Exhibits "B" and "C"

Exhibit "E" shows the well site plan and cross-sections showing amount of cut and fill required. Reserve pit will be sealed with bentonite.

10. Plans for Restoration of Surface

- A. Unused surface will be restored to its present condition and contour as nearly as is practicable, with all waste material buried or burned (with proper permits) and with all pits filled.
- B. Unused disturbed lands will be covered by stockpiled top soil and re-seeded according to the season and to Bureau of Land Management instructions.
- C. At the time of rig release, all pits will be fenced and so maintained until pits are back-filled.
- D. Any oil on pits will be removed and pits will be overhead flagged.
- E. 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 sandy material. Most of the area to be disturbed has little soil development.
- B. Vegetation includes sagebrush, juniper, pinion pine, and a few native grasses. Fauna consists of deer, rabbits, 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 will be disturbed by the proposed operations.
- E. The leasehold acreage is Federal with surface administered by the Bureau of Land Management. The well is located on

Lease U-46818 with Skyline Oil Company, Operator, conducting operations under Designation of Operator from MCOR Oil & Gas Corporation, lessee of record.

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 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 Skyline Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5 April 82
Date

Reed G. Spjut
Exploration Manager

Site Plan
Mustang Unit #1
Scale 1" = 50'

Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27
T. 36 S., R. 23 E., SLB&M
3-22-82

SKYLINE OIL COMPANY
C. Selin, Engineer

T36S, R23E
SLB&M
San Juan County
Utah

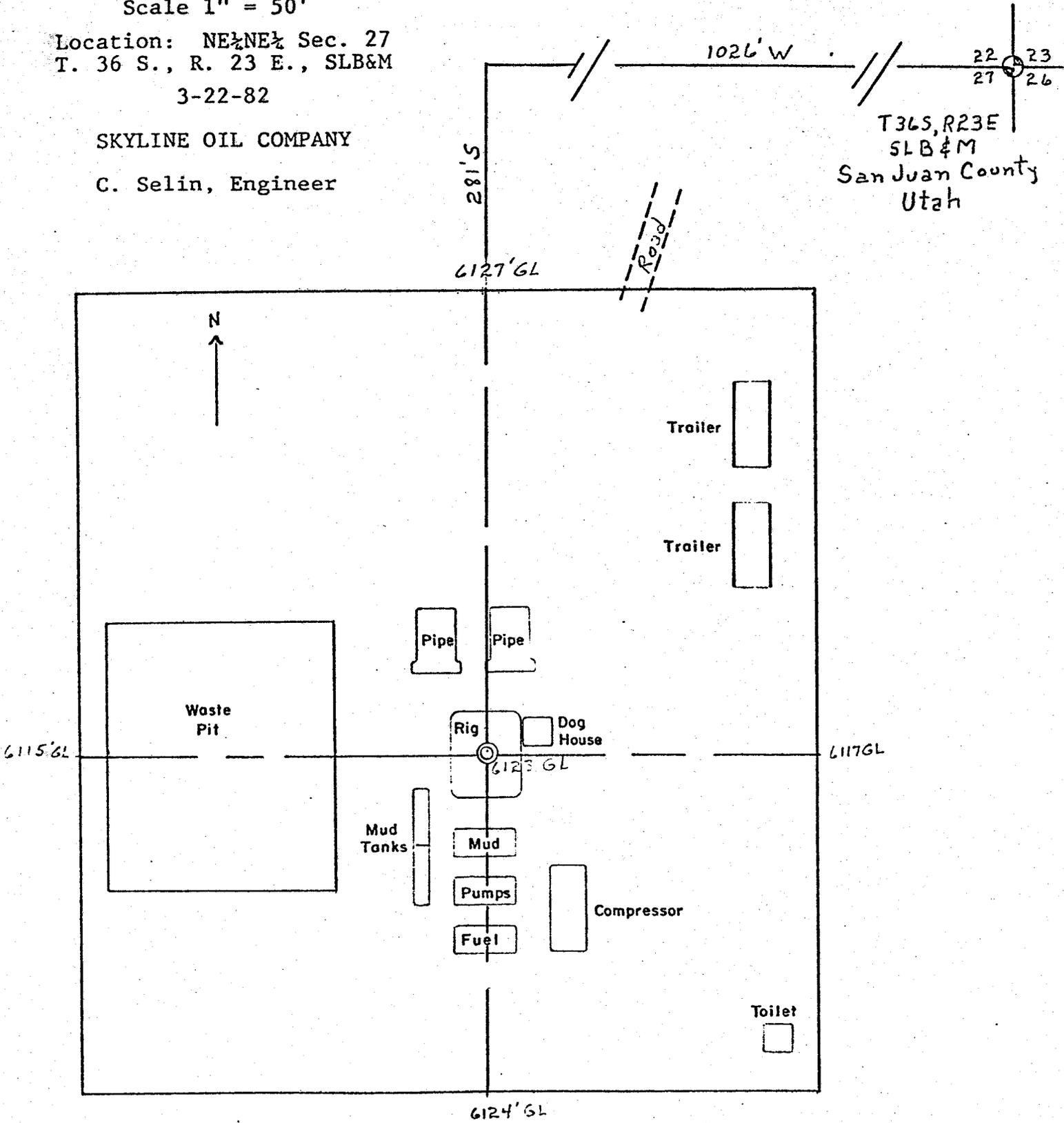
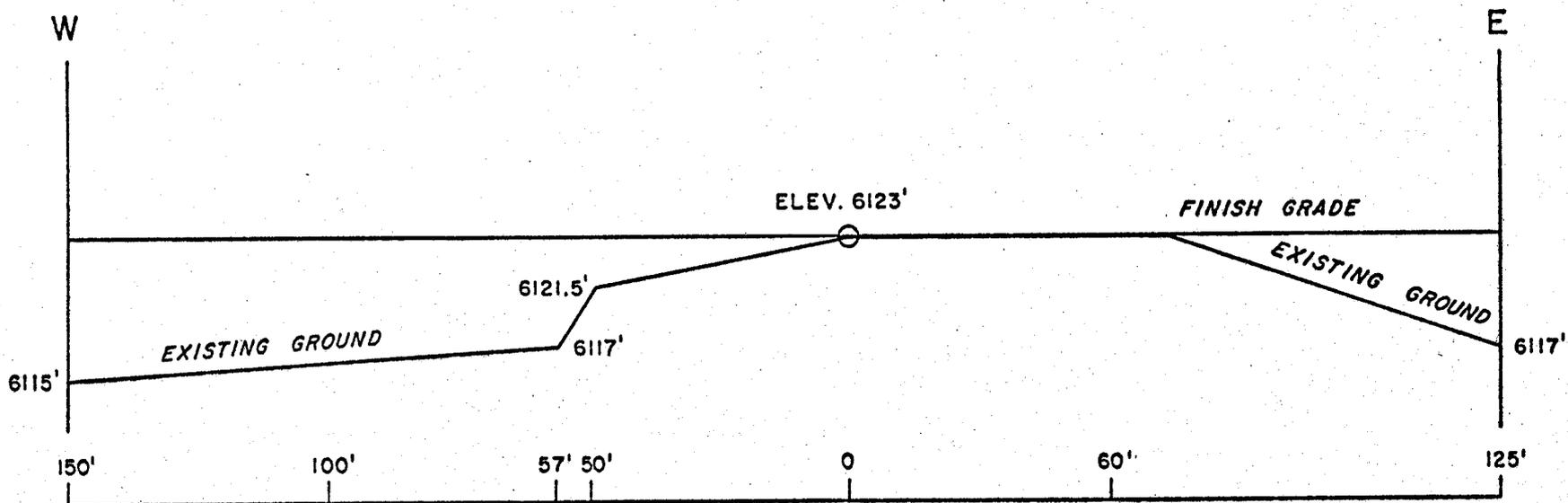
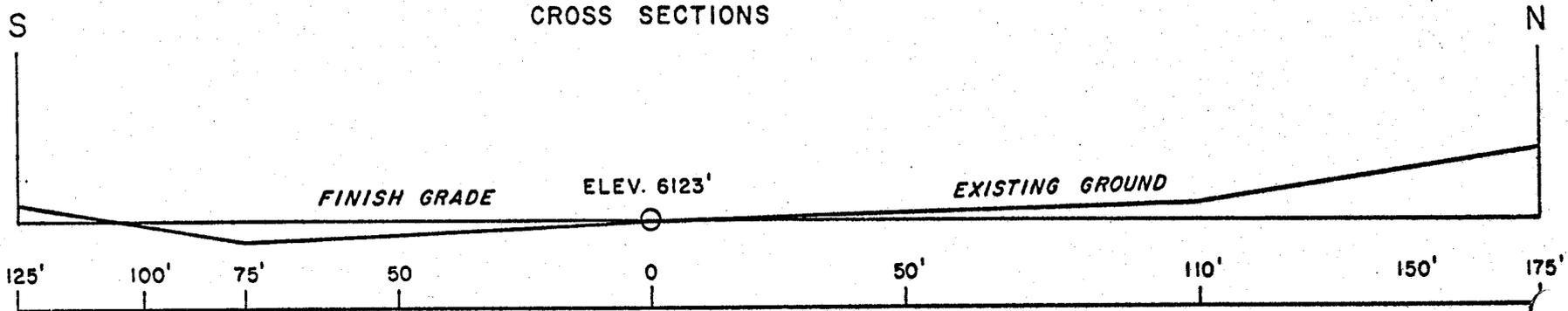


Exhibit "B"

SKYLINE OIL COMPANY
 MUSTANG UNIT #1
 CROSS SECTIONS



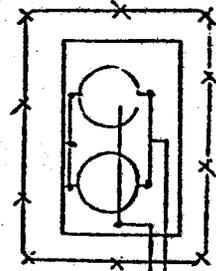
HORIZ. SCALE 1" = 30'

VERT. SCALE 1" = 10'



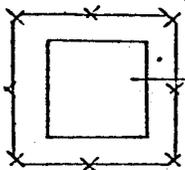
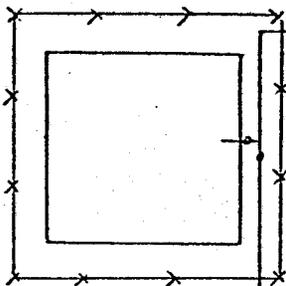
RETAINING WALL
30' X 50' X 4½'

TWO 16' DIA. 500
BBL STEEL TANKS

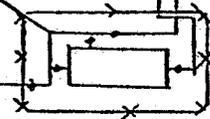


WELL

PRODUCTION
PIT 50' X 50'



BURN PIT
20' X 20'



HEATER-
TREATER

EXHIBIT "D"

SKYLINE OIL COMPANY
MUSTANG UNIT #1
NE NE SEC. 11, T.27 S., R.23 E.
SAN JUAN COUNTY, UTAH

** FILE NOTATIONS **

DATE: 4-7-82

OPERATOR: Skyline Oil Co.

WELL NO: ~~Mustang Unit~~ #1

Location: Sec. 27 T. 36S R. 23E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30776

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per rule C-3(k)

Administrative Aide: As per Rule C-3(c)
Unit not approved by USGS

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 Ed.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

April 8, 1982

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

RE: Well No. 1
Sec. 27, T. 36 S, R. 23 E
San Juan County, Utah

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

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

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 43-037-30776,

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Enclosure
cc: Minerals Management Service

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
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SINGLE ZONE MULTIPLE ZONE

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SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR
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4-20-82

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RECEIVED
MAY 03 1982

DIVISION OF
OIL, GAS & MINING

MINERALS MANAGEMENT
 SERVICE OPERATIONS
 OIL & GAS RECEIVED
 MAR 24 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.

24. SIGNED [Signature] TITLE Exploration Manager DATE 23 March '82

(This space for Federal or State office use)

PERMIT NO. _____ FOR APPROVAL DATE E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR DATE APR 30 1982

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY

NOTICE OF APPROVAL
I state O & G.
*See Instructions On Reverse Side
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

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



MINERALS MANAGEMENT
U.S. GEOLOGICAL SURVEY
OIL & GAS OPERATIONS
RECEIVED
BUREAU OF LAND MANAGEMENT

United States Department of the Interior

IN REPLY REFER TO

T36SR23E Sec. 27
(U-069)

APR 29 1982 Moab District
San Juan Resource Area
SALT LAKE CITY, UTAH P.O. Box 7
Monticello, Utah 84535

April 26, 1982

Memorandum

To: Minerals Management Service, Durango, Colorado
From: Area Manager, San Juan
Subject: Skyline Oil's Mustang Unit No. 1 Well (U-46818)

RECEIVED

APR 27 1982

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

We concur with approval of the Application for Permit to Drill, provided the attached amendments to the Surface Use Plan are included in the approval.

The archaeological requirement has been fulfilled. No threatened or endangered species are indicated.

Edward A. Scherich

Enclosure
Amendments

Construction:

1. The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah (phone (801) 587-2201) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with a copy of the Surface Use Plan and any additional BLM stipulations prior to any work.
3. The San Juan County Road Department in Monticello will be contacted prior to the use of county roads for this activity, at (801) 587-2231, Ext. 43.
4. Use of water associated with this operation will be approved by obtaining a temporary water permit from the State Engineer, (801) 637-1301, and by receiving permission from the land owner to use land containing the water source.
5. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
6. Improvement to existing access will be limited to a total disturbed width of 20 feet. New construction will be limited to a total disturbed width of 20 feet.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
7. The top six inches of soil material will be removed from the location and stockpiled separate from the trees on each side of the location wherever possible. Topsoil along the access will be reserved in place.
8. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.
9. A burning permit will be required before burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker at (801) 587-2705.

Rehabilitation:

1. The operator or his contractor will contact the San Juan Resource Area BLM office in Monticello, Utah, phone (801) 587-2201, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
2. All disturbed areas will be scarified with the contour to a depth of 12 inches, except for bedrock areas.
3. Seed will be broadcast at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.

2 lbs/acre Indian ricegrass (Oryzopsis hymenoides)
3 lbs/acre Fourwing saltbush (Atriplex canescens)
3 lbs/acre Crested wheatgrass (Agropyron desertorum)
4. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent future use.
5. Water bars will be constructed as directed by BLM to control erosion.
6. The entire road will be closed.

Production:

1. All above-ground production facilities will be painted a neutral color to be approved by the BLM.
2. The access shall be upgraded to the following specifications:
BLM Class III specifications.

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

Identification No. 231-82

APR 29 1982

SALT LAKE CITY, Utah States Department of the Interior
~~Geological Survey~~ Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Skyline Oil Company

Project Type single zone oil exploration well

Project Location 281' FNL / 1026' FEL, sec. 27, T. 36 S., R. 23 E, San Juan County, Utah

Well No. 1 Mustang ^{Unit} Lease No. U-46818

Date Project Submitted _____

FIELD INSPECTION

Date March 16, 1982

Field Inspection
Participants

Reed Spjut / Clifford Selin - Skyline Oil Co.

Carl Hunt - Hunt's Service, Inc.

Tactic Montgomery - AERL, Inc. - Archaeologist

Brian Wood - BLM

Don Englishman - MMS

BLM
Steps received
4/22/82

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.

March 16, 1982
Date Prepared

Don Englishman
Environmental Scientist

I concur

4/29/82
Date

Ed [Signature]
District 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)						
1. Public health and safety						✓ 4	✓		
2. Unique charac- teristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓ 7								
8. Endangered/ threatened species	✓ 1								
9. Violate Federal, State, local, tribal law						✓ 4	✓		

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 for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Remarks:

1. Location not changed as stated; although site is within 500' of section line, the area will be unitized as the Mustang Unit. Location is placed to minimize topographic disturbance.
2. Water source has not been established as of March 16, 1982
3. Laydown due north - pit on west - 100' from 1st bench of Canyon
Access road is trailer area on East

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

Date Apr 29 1982 EA No. 231-82

~~SALT LAKE COUNTY, UTAH~~ Drill Environmental Evaluation

Inspection date(s): March 16, 1982
Project Location: Skyline Oil Co. 1 Mustang Unit
(operator) (well no.)
281 'FN, 1026 'FEL, NENG (1/4 1/4)
Sec. 27, T. 36S, R. 23E, San Juan County, Utah

Environmental Criteria

1. Public health and safety:
Impacts to local environment by rig/equipment - NO
Impacts by environment to rig/equipment - NO
Safety hazards - NO
Misc. impacts - NO
Determination - (negligible) adverse effect)
Effect: (Significance)
Alternatives -

2. Unique characteristics:
Wilderness Study Area? No Yes ___ (Number) ___
Historic or Cultural Resources? No Yes ___ (arch. report) ___
Park, Recreation, and/or Refuge? No Yes ___ (describe) ___
Wild and Scenic Rivers? No Yes ___ (Identify) ___
Sole or Principal Drinking Water Aquifers? No Yes ___ (ME report) ___
Prime Farmlands? No Yes ___ (Describe, D of A report) ___
Wetlands, Floodplains? No Yes ___ (10, 50, 100/yr? ___, Corp
of Engineers 404 permit? ___ WRC guidelines)
Ecologically Significant/Critical Areas? No Yes ___ (i.e.
winter range, strutting, spawning, breeding, fawning grounds?;
range study area?; Nat'l Register of Historic Landmarks?;
visual resource area?)
Other - ___
Determination - (negligible) adverse effect)
Alternatives -

3. Environmentally Controversial:

Source of controversy - NO
Issues - _____
Facts - _____
Alternatives - _____
Decisions (if any) - _____

4. Uncertain and Unknown Risks: (Refer to APD, ME)

H2S potential - (ME report, well histories) NO
High pressures - NO
Landslides/slumps - NO
Unstable soils - (soil surveys) NO
Severe topography - (slope %, % side slopes, rim rock, etc)
on ridge - quodding canyon rims
Flash flood hazard - NO
Lost circulation potential - (history of wells in area, peculiar geologic features, ie, shear zones) NO
Potential fresh water aquifers - (ME report, extension of surface casing, use of intermediate casing, protection requirements) NO
Zones of other mineral deposits - (ME report, protection requirements) - NO
Buried pipelines, water lines, cable - NO
Overhead power/telephone lines - NO
Irrigation channel(s) - NO
Determination - (~~negligible~~/adverse effect)
Alternatives - _____

5. Establishes precedent:

Nature of precedent - (ie, first well drilled in Nat'l Recreation Area, significance, effects) NO
Determination - (~~negligible~~/adverse effect)
Alternatives - _____

6. Cumulatively significant:

Will the addition of this one well and access route when weighed against all currently existing environmental conditions, be cumulatively significant enough to be considered as constituting a major federal action? No X Yes _____
Determination - negligible
Significance - _____
Alternatives - _____

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

RECEIVED

JUN 16 1982

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number MUSTANG UNIT No. 1
Operator SKYLINE OIL COMPANY Address 2000 University Club Bldg., Salt Lake City, Utah 84111
Contractor FOUR CORNERS DRILLING Address P. O. Box 1067, Farmington, New Mexico 87401
Location NE 1/4 NE 1/4 Sec. 27 T. 36 S. R. 23 E. County San Juan

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue of reverse side if necessary)

Formation Tops Entrada - 1228', Navajo - 1428', Wingate - 1880',
Chinle - 2170', Shinarump - 2806', Moenkopi - 2920', Cutler - 3103',
Hermosa - 4770', Ismay - 6110', Desert Creek - 6354', Akah Shale - 6462'.

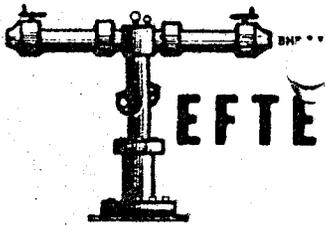
Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

MUSTANG UNIT NO. 1
NE NE Sec. 27, T. 36 S., R. 23 E.
San Juan County, Utah

DEVIATION SURVEY

<u>Depth</u> (ft)	<u>Inclination</u>	<u>Interval Displacement</u> (ft)	<u>Total Displacement</u> (ft)
670	$\frac{1}{2}^{\circ}$	5.85	5.85
1748	$\frac{1}{4}^{\circ}$	4.70	10.55
2230	$\frac{3}{4}^{\circ}$	6.31	16.86
2973	$\frac{3}{4}^{\circ}$	9.73	26.59
3750	1°	13.56	40.15
4147	$1\frac{1}{4}^{\circ}$	8.66	48.81
4810	$1\frac{1}{4}^{\circ}$	14.46	63.27
4966	1°	2.72	65.99
5678	1°	12.43	78.42
6182	1°	8.80	87.22
6500	$1\frac{1}{2}^{\circ}$	8.32	95.54



DD • GWT • RFS • GOR • FL • TS

TEFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO

P. O. Box 5247

Midland, Texas 79704

June 30, 1982

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

Attention: Mr. Mike Anderson

Subject: Build Up Measurement
Mustang Unit No. 1
Wildcat Field
San Juan County, Utah
Our File No. 2-13205-BU

Desert Creek

Gentlemen:

Attached hereto are the results of a build up measurement which was conducted on the above captioned well from June 13 thru June 17, 1982.

The data presented are in tabular and graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

G. W. Taylor

G.W. Taylor
Operations Manager

GWT/ts

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well: MUSTANG UNIT NO. 1

Page 1 of 4

Field: WILDCAT

File 2-13205-BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1982 Date	Status of Well	Time	Elapsed Time Hrs.Min.	Wellhead Pressure Tubing	BHP @ 6441' Psig
6-13	Arrived on location, well flowing	14:40			
"	Rig up tandem instruments				
"	Instruments @ 6441'	15:25			1960
"	"	16:30			2123
"	Shut-in for build up	16:30	0 00		
"	"	16:36	0 06		2145
"	"	16:42	0 12		2162
"	"	16:48	0 18		2178
"	"	16:54	0 24		2194
"	"	17:00	0 30		2210
"	"	17:06	0 36		2225
"	"	17:12	0 42		2243
"	"	17:18	0 48		2257
"	"	17:24	0 54		2271
"	"	17:30	1 00		2285
"	"	17:45	1 15		2318
"	"	18:00	1 30		2340
"	"	18:15	1 45		2371
"	"	18:30	2 00		2395
"	"	19:00	2 30		2432
"	"	19:30	3 00		2458
"	"	20:00	3 30		2481
"	"	20:30	4 00		2495
"	"	21:30	5 00		2524
"	"	22:30	6 00		2553
"	"	23:30	7 00		2580
6-14	"	00:30	8 00		2602
"	"	01:30	9 00		2627
"	"	02:30	10 00		2646
"	"	04:30	12 00		2684
"	"	06:30	14 00		2713
"	"	08:30	16 00		2740
"	"	10:30	18 00		2759
"	"	12:30	20 00		2779
"	"	14:30	22 00		2823
"	"	16:30	24 00		2869
"	"	20:30	28 00		2934

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well: MUSTANG UNIT NO. 1

Page 2 of 4

Field: WILDCAT

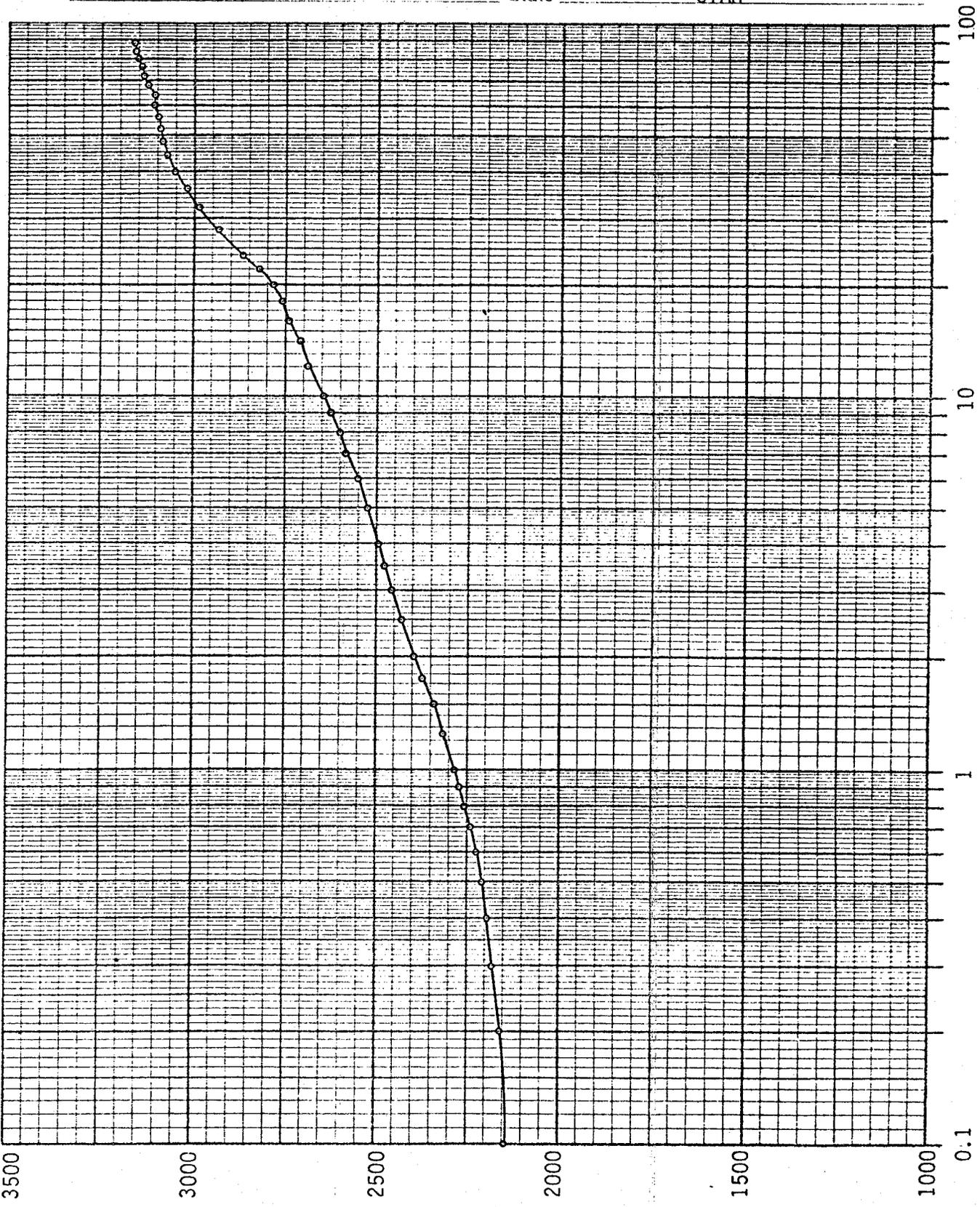
File 2-13025-BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1982 Date	Status of Well	Time	Elapsed Time Hrs.Min.	Wellhead Pressure Tubing	BHP @ 6441' Psig
6-15	Continued shut-in	00:30	32 00		2983
"	"	04:30	36 00		3021
"	"	08:30	40 00		3054
"	"	12:30	44 00		3074
"	"	16:30	48 00		3080
"	"	20:30	52 00		3088
6-16	"	00:30	56 00		3099
"	"	04:30	60 00		3109
"	"	07:30	63 00		3117
"	"	08:30	64 00		3109
"	"	10:30	66 00		3121
"	"	12:30	68 00		3128
"	"	16:30	72 00		3137
"	"	20:30	76 00		3145
6-17	"	00:30	80 00		3153
"	"	04:30	84 00		3160
"	"	07:00	86 30		3163
"	Gradient traverse	08:15	87 45	923	3164

Company SKYLINE OIL COMPANY Formation DESERT CREEK
Well MUSTANG UNIT NO. 1 County SAN JUAN
Field WILDCAT State UTAH

BUILD UP CURVE



PRESSURE: P.S.I.G. @ 6441 FEET



EFTELLER, INC.

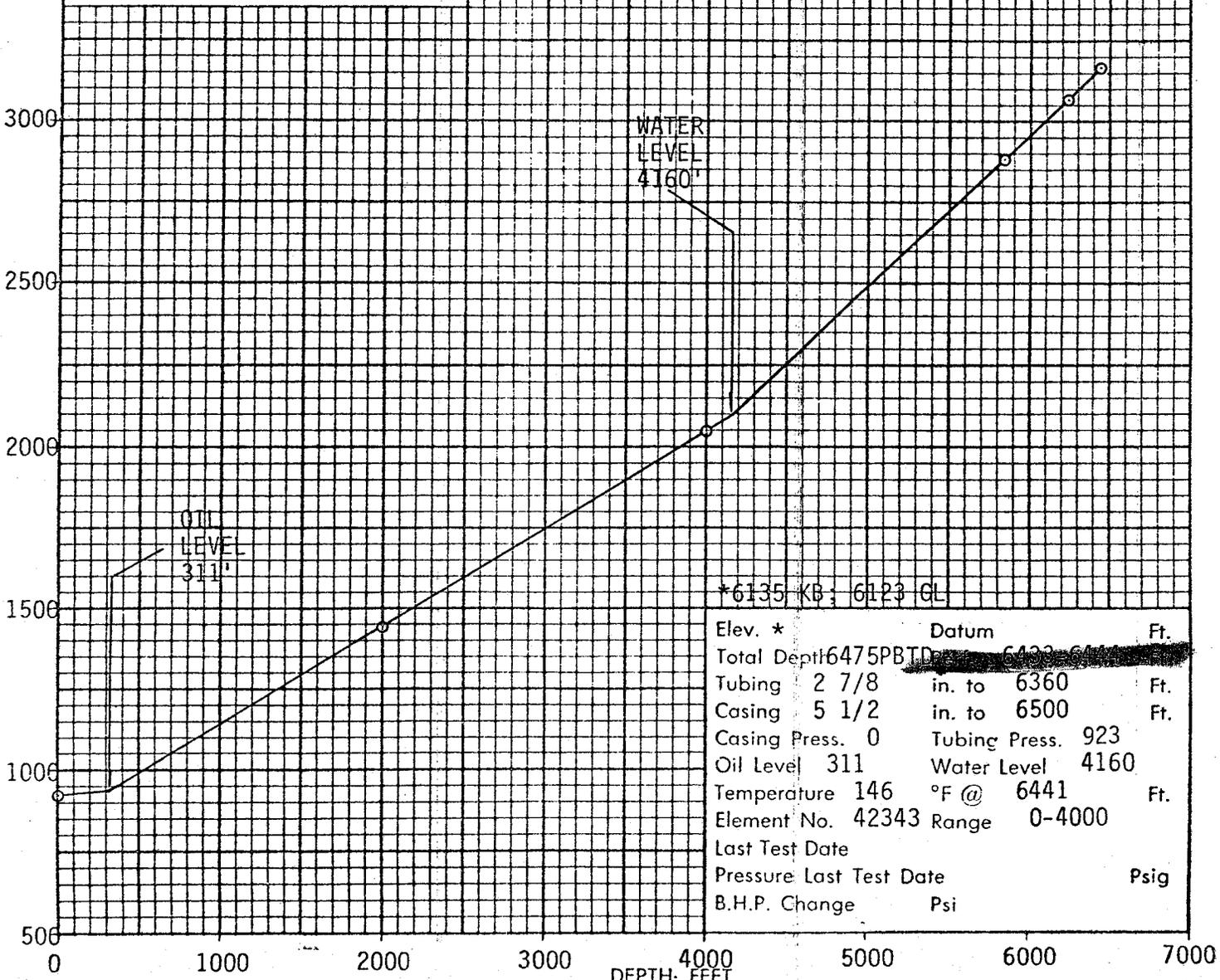
reservoir engineering data
MIDLAND, TEXAS

Company SKYLINE OIL COMPANY Lease MUSTANG UNIT Well No. 1
Field WILDCAT County SAN JUAN State UTAH
Formation DESERT CREEK Test Date JUNE 17, 1982

Status of Well Shut-in 87.75 Hours

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	923	
2000	1444	0.261
4000	2049	0.303
5841	2879	0.451
6241	3065	0.465
6441	3164	0.495

Datum Pressure Psig



*6135 KB; 6123 GL

Elev. *	Datum	Ft.
Total Depth 6475	PBTD	6433-6441
Tubing 2 7/8	in. to	6360 Ft.
Casing 5 1/2	in. to	6500 Ft.
Casing Press. 0	Tubing Press.	923
Oil Level 311	Water Level	4160
Temperature 146	°F @	6441 Ft.
Element No. 42343	Range	0-4000
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

IN TRIPPLICATE*
(See instructions on reverse side)

<p>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 "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-46818</u></p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR <u>Skyline Oil Company</u></p>		<p>7. UNIT AGREEMENT NAME <u>Mustang Unit</u></p>
<p>3. ADDRESS OF OPERATOR <u>2000 University Club Bldg., Salt Lake City, UT 34111</u></p>		<p>8. FARM OR LEASE NAME</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>281' FNL & 1026' FEL, Sec. 27, T.36S., R.23E.</u></p>		<p>9. WELL NO. <u>1</u></p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p>
<p>15. ELEVATIONS (Show whether OF, RT, GR, etc.) <u>6123' GL</u></p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 27, T.36S., R.23E.</u></p>
<p>12. COUNTY OR PARISH</p>		<p>13. STATE <u>Utah</u></p>
<p>12. COUNTY OR PARISH <u>San Juan</u></p>		<p>13. STATE <u>Utah</u></p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>DST & setting casing</u>	<input checked="" type="checkbox"/>
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)*

Drilled 8-3/4" hole to 6182' and ran DST #1 6136'-82'. DST #1 recovered GTS in 21 mins. @ max. rate of 21.3 McFPD. Sampler recovery was 300 cc GLDM and 0.3 CF gas @ 65 psi.
 Drilled 8-3/4" hole to 6500'. Ran wireline logs.
 Ran 159 jts. 5 1/2" 15.5# & 17# K-55 casing. Cemented w/200 sx 50/50 Pozmix followed by 340 sx Dowell Self-Stress II.
 Cut off 5 1/2" casing. Installed wellhead.
 Released rig 12:00 midnight 6-2-82.

RECEIVED

MAY 09 1982

DIVISION OF
OIL, GAS & MINING

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

SIGNED Michael D. Anderson TITLE Senior Petroleum Engineer DATE 6-7-82

(This space for Federal or State office use)

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

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">U-46818</p>
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME <p style="text-align: center;">MUSTANG</p>
2. NAME OF OPERATOR <p style="text-align: center;">SKYLINE OIL COMPANY</p>		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 2000 University Club Bldg., Salt Lake City, Ut. 84111		9. WELL NO. <p style="text-align: center;">1</p>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 281' FNL & 1026' FEL Sec. 27, T.36 S., R.23 E.		10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">Wildcat</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">6123' GR</p>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T.36 S., R. 23 E.
		12. COUNTY OR PARISH 18. STATE <p style="text-align: center;">San Juan Utah</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Setting Surface Casing</u> <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

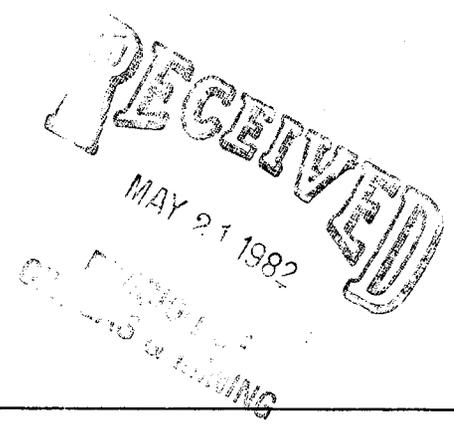
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Spudded well 4-11-82

Drilled 12 1/4" hole to 2230'.

Set 56 jts 9-5/8" 36# K-55 casing. Cemented w/600 sacks 65/35 Pozmix followed by 300 sacks Class "G". Cement circulated.



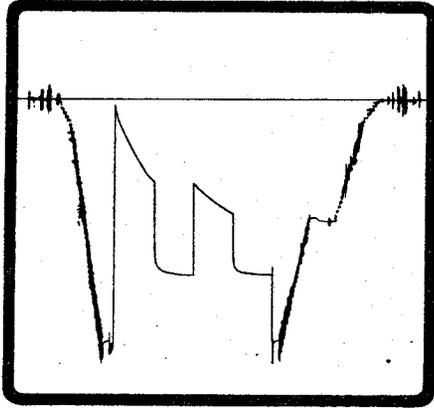
18. I hereby certify that the foregoing is true and correct

SIGNED Michael D. Anderson TITLE Senior Petroleum Engineer DATE 5-20-82

(This space for Federal or State office use)

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

FORMATION TESTING SERVICE REPORT



MUSTANG UNIT
LEASE NAME
WELL NO. 1
TEST NO. 1
6136.1 - 6182.1
TESTED INTERVAL
SKYLINE OIL COMPANY
LEASE OWNER/COMPANY NAME



Duncan, Oklahoma 73536



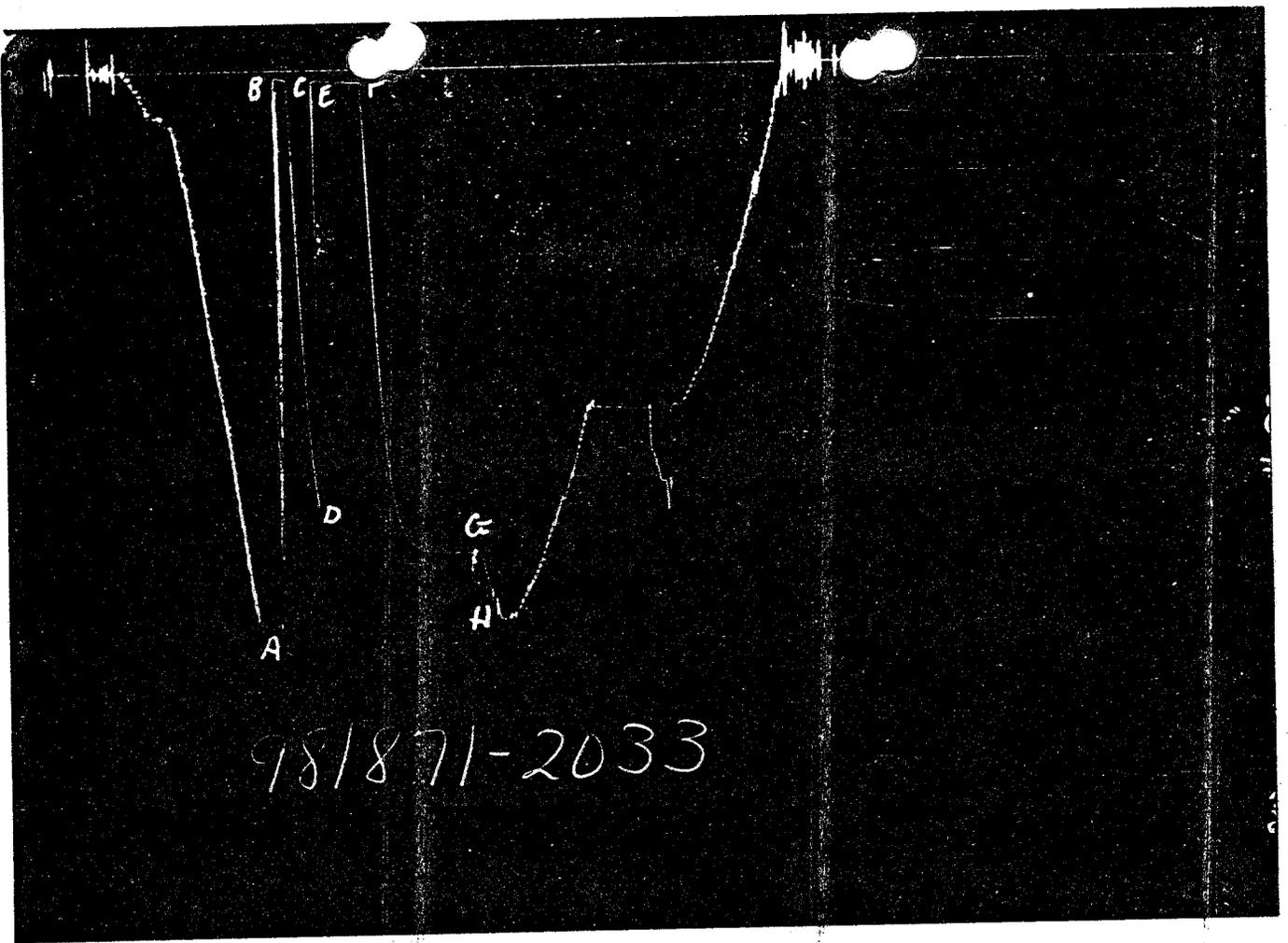
A Halliburton Company



TICKET NO. 98187100
14-JUN-82
FARMINGTON

FORMATION TESTING SERVICE REPORT

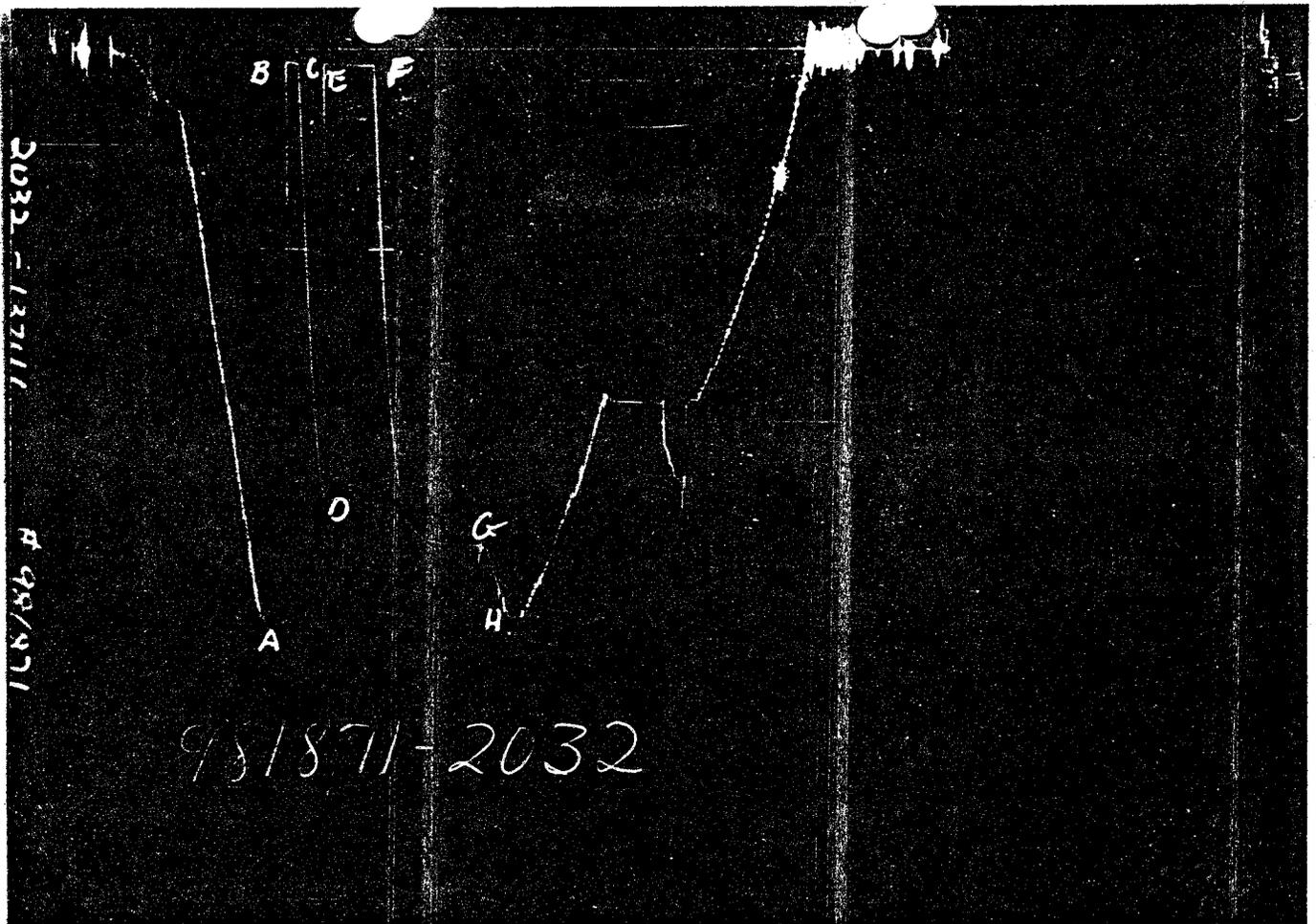
MUSTANG UNIT	1	1	1	6196.1 - 6182.1	SKYLINE OIL COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME	
LEGAL LOCATION	27-36S-23-E	FIELD AREA	WILDCAT	COUNTY	SAN JUAN
SEC. - TYP. - RNG.				STATE	UTAH
					BC-DR



981871-2033

GAUGE NO: 2033 DEPTH: 6113.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		2985.7			
B	INITIAL FIRST FLOW		41.7	15.0	15.0	F
C	FINAL FIRST FLOW		55.2			
C	INITIAL FIRST CLOSED-IN		55.2	30.0	28.9	C
D	FINAL FIRST CLOSED-IN		2356.5			
E	INITIAL SECOND FLOW		58.0	50.0	61.9	F
F	FINAL SECOND FLOW		69.2			
F	INITIAL SECOND CLOSED-IN		69.2	142.0	124.7	C
G	FINAL SECOND CLOSED-IN		2619.9			
H	FINAL HYDROSTATIC		2928.3			



GAUGE NO: 2032 DEPTH: 6179.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		3033.9			
B	INITIAL FIRST FLOW		69.5	15.0	15.0	F
C	FINAL FIRST FLOW		78.4			
C	INITIAL FIRST CLOSED-IN		78.4	30.0	28.9	C
D	FINAL FIRST CLOSED-IN		2388.6			
E	INITIAL SECOND FLOW		78.0	50.0	61.9	F
F	FINAL SECOND FLOW		87.9			
F	INITIAL SECOND CLOSED-IN		87.9	142.0	124.7	C
G	FINAL SECOND CLOSED-IN		2642.4			
H	FINAL HYDROSTATIC		2965.5			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UPPER ISMAY
 NET PAY (ft): 20.0
 GROSS TESTED FOOTAGE: 46.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 8.750
 ELEVATION (ft): 6124
 TOTAL DEPTH (ft): 6182.0
 PACKER DEPTH(S) (ft): 6130, 6136
 FINAL SURFACE CHOKE (in): 0.750
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.10
 MUD VISCOSITY (sec): 38
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 135 @ 6178.0 ft

TICKET NUMBER: 98187100
 DATE: 5-28-82 TEST NO: 1
 TYPE DST: OPEN HOLE
 HALLIBURTON CAMP:
FARMINGTON
 TESTER: H. BELL
B. PIZER
 WITNESS: TERRY CROWSON
 DRILLING CONTRACTOR:
FOUR CORNERS #11

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>1.970 @ 56 °F</u>	<u>2121 ppm</u>
SAMPLER	<u>1.600 @ 57 °F</u>	<u>32121 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Pstg AT SURFACE: 65
 cu. ft. OF GAS: 0.37
 cc OF OIL: 2
 cc OF WATER: 0
 cc OF MUD: 498
 TOTAL LIQUID cc: 500

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu. ft. per bbl): 29365
 GAS GRAVITY: 0.600

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED:

MEASURED FROM TESTER VALVE

REMARKS:

TICKET NO: 98187100
 CLOCK NO: 1384 HOUR: 24



GAUGE NO: 2033
 DEPTH: 6113.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	41.7			
2	3.0	41.8	0.1		
3	6.0	44.0	2.1		
4	9.0	47.3	3.4		
5	12.0	51.1	3.8		
C 6	15.0	55.2	4.2		
FIRST CLOSED-IN					
C 1	0.0	55.2			
2	3.0	539.3	484.1	2.5	0.781
3	6.0	936.4	881.2	4.3	0.545
4	9.0	1243.6	1188.4	5.6	0.426
5	12.0	1505.0	1449.8	6.7	0.353
6	15.0	1731.4	1676.1	7.5	0.301
7	18.0	1920.9	1865.6	8.2	0.263
8	21.0	2071.1	2015.9	8.8	0.234
9	24.0	2207.2	2151.9	9.2	0.211
10	27.0	2310.1	2254.9	9.6	0.192
D 11	28.9	2356.5	2301.3	9.9	0.182
SECOND FLOW					
E 1	0.0	58.0			
2	10.0	58.7	0.7		
3	20.0	63.1	4.4		
4	30.0	66.2	3.1		
5	40.0	67.3	1.1		
6	50.0	68.5	1.2		
7	60.0	69.2	0.7		
F 8	61.9	69.2	0.0		
SECOND CLOSED-IN					
F 1	0.0	69.2			
2	8.0	1079.4	1010.3	7.3	1.024
3	16.0	1698.0	1628.9	13.2	0.765
4	24.0	2111.8	2042.6	18.3	0.624
5	32.0	2355.7	2286.5	22.6	0.531
6	40.0	2477.7	2408.5	26.3	0.466
7	48.0	2542.6	2473.5	29.6	0.415
8	56.0	2577.7	2508.5	32.4	0.375
9	64.0	2596.8	2527.6	34.9	0.343
10	72.0	2606.8	2537.6	37.2	0.315
11	80.0	2610.4	2541.3	39.2	0.293
12	88.0	2612.7	2543.5	41.0	0.273
13	96.0	2615.2	2546.1	42.7	0.255
14	104.0	2617.0	2547.8	44.2	0.240
15	112.0	2618.3	2549.1	45.6	0.227

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
16	120.0	2619.9	2550.8	46.9	0.215
G 17	124.7	2619.9	2550.8	47.6	0.209

REMARKS:

TICKET NO: 98187100

CLOCK NO: 13741 HOUR: 24



GAUGE NO: 2032

DEPTH: 6179.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	69.5			
2	3.0	69.6	0.1		
3	6.0	70.4	0.8		
4	9.0	73.1	2.7		
5	12.0	75.9	2.8		
C 6	15.0	78.4	2.5		
FIRST CLOSED-IN					
C 1	0.0	78.4			
2	3.0	536.7	458.3	2.5	0.783
3	6.0	949.2	870.8	4.3	0.542
4	9.0	1285.8	1207.5	5.6	0.425
5	12.0	1540.9	1462.5	6.7	0.353
6	15.0	1775.7	1697.3	7.5	0.301
7	18.0	1961.5	1883.1	8.2	0.263
8	21.0	2124.7	2046.3	8.8	0.234
9	24.0	2243.2	2164.9	9.2	0.211
10	27.0	2342.8	2264.5	9.6	0.192
D 11	28.9	2388.6	2310.2	9.9	0.182
SECOND FLOW					
E 1	0.0	78.0			
2	10.0	80.9	2.9		
3	20.0	83.3	2.4		
4	30.0	84.5	1.2		
5	40.0	86.1	1.6		
6	50.0	86.6	0.5		
7	60.0	87.4	0.8		
F 8	61.9	87.9	0.5		
SECOND CLOSED-IN					
F 1	0.0	87.9			
2	8.0	1084.3	996.3	7.3	1.025
3	16.0	1739.4	1651.5	13.3	0.763
4	24.0	2165.3	2077.3	18.3	0.623
5	32.0	2395.0	2307.0	22.6	0.532
6	40.0	2510.7	2422.8	26.3	0.465
7	48.0	2567.8	2479.8	29.5	0.415
8	56.0	2598.7	2510.7	32.4	0.375
9	64.0	2614.3	2526.4	34.9	0.343
10	72.0	2624.0	2536.1	37.2	0.315
11	80.0	2630.1	2542.2	39.2	0.293
12	88.0	2634.0	2546.0	41.0	0.273
13	96.0	2636.6	2548.7	42.7	0.255
14	104.0	2638.6	2550.7	44.2	0.240
15	112.0	2640.1	2552.1	45.6	0.227

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
16	120.0	2641.2	2553.3	46.9	0.215
G 17	124.7	2642.4	2554.5	47.6	0.209

REMARKS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-46818

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

7. UNIT AGREEMENT NAME
MUSTANG UNIT

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

8. FARM OR LEASE NAME
MUSTANG UNIT

2. NAME OF OPERATOR
SKYLINE OIL COMPANY

9. NO. 1

3. ADDRESS OF OPERATOR
2000 University Club Building, S.L.C., Utah

10. WILD AND POOL, OR WILDCAT
Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 281' FNL & 1026' FEL Sec. 27, T. 36 S., R. 23 E.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

At top prod. interval reported below Same NENE
At total depth Same

Sec. 27, T. 36 S., R. 23 E., SLB&M

14. PERMIT NO. 43-037-30776 DATE ISSUED 4-30-82

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUNDED 5-11-82 16. DATE T.D. REACHED 5-31-82 17. DATE COMPL. (Ready to prod.) 7-31-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR-6123 19. ELEV. CASINGHEAD NA

20. TOTAL DEPTH, MD & TVD 6500' 21. PLUG, BACK T.D., MD & TVD 6304' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Ismay 6152' - 65', 6188' - 92' and 6195' - 6200' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, GR-FDC-CNL-Cal, BHC Sonic 27. WAS WELL CORDED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	52.5#	65'	17 1/2"	22 sx redimix	None
9-5/8"	36#	2230'	12 1/4"	900 sx	None
5 1/2"	15.5& 17#	6500'	8-3/4"	540 sx	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6126	6126

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6434' - 6444'	40 holes		6434' - 6444'	7000 gals 28% HCl
6152' - 6165'	27 holes		6152' - 6200'	12,000 gals. 28% HCl
6188' - 6192'	9 holes			
6195' - 6200'	11 holes			

33.* PRODUCTION
DATE FIRST PRODUCTION 6-12-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-31-82	24	19/64	→	18.4	1446	11.9	76,508
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
785 psi	500	→	18.4	1446	11.9	53	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared TEST WITNESSED BY Terry Crowson

35. LIST OF ATTACHMENTS
Electric logs, Inclination summary, DST report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Michael D. Anderson Senior Petroleum Engineer TITLE DATE 8-5-82

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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Entrada	1228	1386	Water
Navajo	1428	1714	Water
Ismay	6110	6354	Oil, gas & water
Desert Creek	6354	6462	Oil, gas & water
Ismay (DST)	6136	6182	Tool open 15 mins., closed 30 mins. Open 60 mins., closed 120 mins. FSIP - 2620. Sampler contained .37 cu. ft. gas & 500 cc mud. Recovered 6136' gas in DP

NAME	MEAS. DEPTH	TOP
Morrison	342	
Entrada	1228	
Navajo	1428	
Wingate	1880	
Chinle	2170	
Shinarump	2806	
Moenkopi	2920	
Cutler	3103	
Hermosa	4770	
Ismay	6110	
Desert Creek	6354	
Akah Shale	6462	

TEXAS 
EASTERN
Skyline Oil Company

A TEXAS EASTERN COMPANY

March 8, 1985

RECEIVED

MAR 11 1985

**DIVISION OF OIL
GAS & MINING**

State of Utah
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Application for Enhanced Recovery
Injection Well
Mustang Unit No. 1
NE NE Sec. 27, T36S, R23E
San Juan County, Utah

Gentlemen:

In association with Texas Eastern Skyline Oil Company's approved gas gathering and reinjection system for the Mustang Unit, San Juan County, Utah, please find attached the original plus six (6) copies of the application and three (3) sets of attachments.

As you may recall, approval for the system and use of the Mustang Unit No. 1 as an injection well was approved by the Board of Oil, Gas, and Mining in Docket No. 84-084 Cause No. 212-1.

If you have any questions, please contact me at your convenience.

Sincerely,

TEXAS EASTERN SKYLINE OIL COMPANY



Michael D. Anderson
Staff Engineer

MDA:sdc
Enclosures

RECEIVED

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

MAR 11 1985

DIVISION OF OIL
GAS & MINING

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
Texas Eastern Skyline Oil Company

CAUSE NO. _____

ADDRESS 1775 Sherman, Suite 1200
Denver, Colorado ZIP 80203
INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Mustang Unit #1 WELL
SEC. 27 TWP. 36S RANGE 23E
San Juan COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>Mustang Unit</u>	Well No. <u>1</u>	Field <u>Mustang Flat</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE NE</u> Sec. <u>27</u> Twp. <u>36S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2170</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) <u>Producing Wells in Mustang Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay 6000' - 6250'</u>		
Geologic Name of Injection Zone <u>Ismay</u>	Depth of Injection Interval <u>6152</u> to <u>6200</u>		
a. Top of the Perforated Interval: <u>6152</u>	b. Base of Fresh Water: <u>2170</u>	c. Intervening Thickness (a minus b) <u>3982</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Limestone, shale, anhydrite and sandstone</u>			
Injection Rates and Pressures Maximum <u>5,500</u> MCFD <u>B/D</u> <u>5,000</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Copy of application has been sent to all working interest owners in unit. No other leasehold interests lie within 1/2 mile radius. See attached mailing list.</u>			

State of COLORADO

Michael D. Anderson
Applicant

County of DENVER

Before me, the undersigned authority, on this day personally appeared Michael D. Anderson known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 7th day of March, 19 85

SEAL

Twyla K. Schwieger
Twyla K. Schwieger

My commission expires August 12, 1987

Notary Public in and for Denver County, CO
1775 Sherman Street, #1200

(OVER)Denver, Colorado 80203

(To be filed within 30 days after drilling is completed)

API NO. 43-037-30776

840 Acres
N

									*

W E
S
Lease Well Correctly
and Outline Lease

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY San Juan SEC 27 TWP. 36S RGE. 23E
COMPANY OPERATING Texas Eastern Skyline Oil Co.

OFFICE ADDRESS 1775 Sherman, Ste. 1200

TOWN Denver, CO STATE CO ZIP 80203

FARM NAME Mustang Unit WELL NO. 1

DRILLING STARTED 4-11 19 82 DRILLING FINISHED 6-2 19 82

DATE OF FIRST PRODUCTION 6-12-82 COMPLETED 7-31-82

WELL LOCATED NW 1/4 NE 1/4 SE 1/4

1039 FT. FROM SL OF 1/4 SEC. & 294 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 6136 GROUND 6123

COUNTY
LEASE NO.

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Ismay		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	6152-6200		
INTERVALS			
ACIDIZED?	12,000 gals. 28% HCl		
FRACTURE TREATED?			

TYPE COMPLETION

Single Zone X
Multiple Zone _____
Cemented _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	6152	6200			
Desert Creek	6434	6444			

CASING & CEMENT

Casing Set			Cng. Test	Cement			
Size	Wgt.	Grade	Foot	Psi	Set	Fillup	Top
16"	52.5 #	H-40	65'	--	22	65'	Surface
9 5/8"	36 #	K-55	2230	1000	900	2230	Surface
5 1/2"	15.5 #	K-55	6500	2000	540	1554	4946

TOTAL DEPTH 6500

PACKERS SET

DEPTH 6126'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-URC-6

INITIAL TEST DATA

Date	7-31-82		
Oil, bbl./day	18.4		
Oil Gravity	53		
Gas, Cu. Ft./day	1,446,000 CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	78,587		
Water-Bbl./day	11.9		
Pumping or Flowing	Flowing		
CHOKE SIZE	19/64"		
FLOW TUBING PRESSURE	785		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 860-9031 Michael D. Anderson STAFF ENGINEER
Name and title of representative of company

Subscribed and sworn before me this 7th day of March, 1985

Twyla K. Schwieger
Twyla K. Schwieger, Notary Publ.
1775 Sherman Street, #L200
Denver, Colorado 80203
My commission expires 8-12-87

MUSTANG UNIT NO. 1

UIC Injection Application

Supplemental Data

Operating Data

1. Anticipated maximum injection rate - 5500 MCFD
2. Anticipated maximum injection pressure - 5000 psi
3. Injection Fluid - Produced natural gas.
4. Formation Lithology - The Ismay formation is a carbonate buildup of limestone and dolomite. The reservoir is overlain by a massive anhydrite cap.
5. Estimated Frac Pressure - From offset well data, the estimated frac pressure for the Ismay is 5500 psi.
6. Procedures for injection rate and pressure control - The injection rates will be limited by surface injection compression facilities. The injection pressure will be controlled by high pressure shut down devices on the injection compressor.
7. Injection Fluid Source - Injection fluid will be natural gas produced from the Ismay Formation, Mustang Flat Field, Mustang Unit, San Juan County, Utah.
8. Injection Zone - The injection zone is the porosity development in the Mustang Unit No. 1 between 6152' and 6200'. The injection interval is immediately overlain by tight non-porous limestone and above that by a massive anhydrite cap. The limestone thickness is 14 feet and the anhydrite thickness is 12 feet. Both the anhydrite and tight limestone cover the entire lateral extent of the producing interval with the producing interval graduating to anhydrite on the fringes of the field.

9. Underground Drinking Water Source - The deepest possible drinking water source is the Wingate Formation that occurs in the wellbore of the Mustang Unit No. 1 between 1880' - 2170'. This formation overlies the entire productive area of the Mustang Flat Field. This zone lies 3982' above the highest injection point in the Mustang Unit No. 1.
10. This well has been approved as part of the Mustang Unit Gas Injection System by the Board of Oil, Gas, and Mining under Docket No. 84-084 Cause No. 212-1.
11. Mechanical Integrity Test - The division will be informed verbally of the date and time at which the mechanical integrity test will be performed. No injection will take place prior to a successful test.

MAILING LIST

MUSTANG UNIT

John M. Beard
3030 N.W. Expressway, Suite 1405
Oklahoma City, Oklahoma 73112

Diamond Shamrock Exploration Co.
410 17th Street, Suite 600
Denver, Colorado 80202

MCOR Oil & Gas Corporation
10880 Wilshire Boulevard
Los Angeles, California 90024

Santa Fe Energy Company
2600 Security Life Building
Denver, Colorado 80202-4330

Texas Eastern Skyline Oil Co.
1200 Mellon Financial Center
1775 Sherman Street
Denver, Colorado 80203

Yates Petroleum Corporation
207 So. 4th Street
Artesia, New Mexico 88210

MONITORING
 GAS SERVICE
 ANALYTICAL CHEMISTS
 POLLUTION CONTROL
 WATER ANALYSIS

DATE SECURED: 8/1/82

SAMPLE OF: MUSTANG UNIT #1
 SECURED FROM: SKYLINE OIL COMPANY

SECURED BY: *NORWARD*
 ANALYTICAL CONDITIONS: PRESS: TEMP: TIME: *0920* DATE:

***** FRACTIONAL ANALYSIS *****
 @ 14.696 & 60 DEG. F.

MOL. %	WT. %	LIQ. %	SP. GR.	GR. C	+	0.7599	PROPANE CAL GPM	1.252
CARBON DIOXIDE	0.20		0.7599				BUTANES CAL GPM	0.625
NITROGEN	5.59						PENTANES + GPM	0.911
							ETHANE CALC GPM	2.880
METHANE	74.64							
ETHANE	10.80							
PROPANE	4.56							
ISO-BUTANE	0.55							
N-BUTANE	1.42							
ISO-PENTANE	0.38							
N-PENTANE	0.51							
HEXANES PLUS	1.35							
TOTAL	100.00							

B. T. U. /CU. FT
 DRY BASIS 1233
 WET BASIS 1211
 26 # PRODUCT 1.451
 12 # PRODUCT 0.987

SULFUR ANALYSIS
 (GR. /100CU. FT.)
 HYDROGEN SULFIDE
 MERCAPTANS
 SULFIDES
 RESIDUAL SULFUR
 MOISTURE CONTENT
 (#/MMCU. FT.)

RUN BY: TY

CHECKED BY: BLAINE BLONQUIST

APPROVED BY:
Blaine C. Blonquist

***** ADDITIONAL DATA AND REMARKS *****

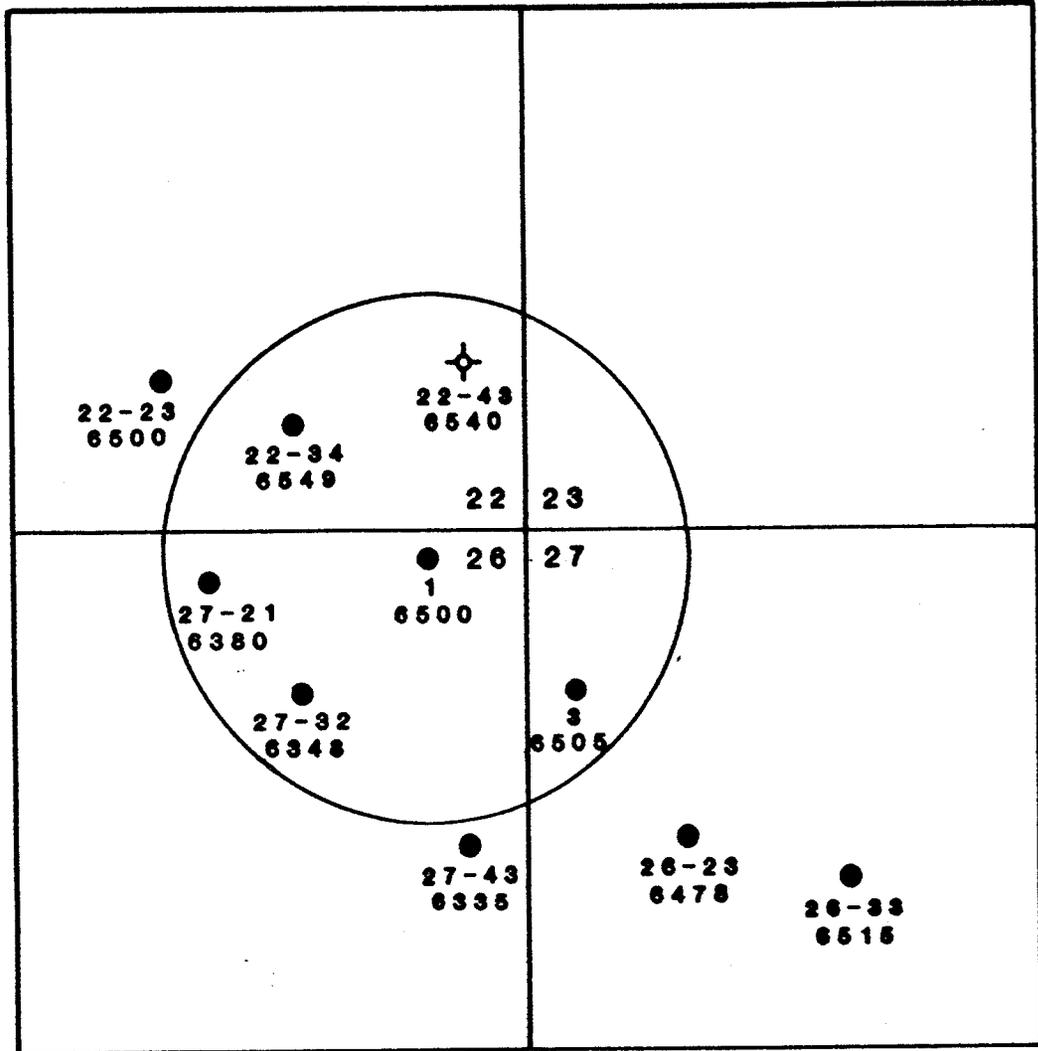
Z = 0.997

COPIES TO:

TEXAS EASTERN SKYLINE OIL COMPANY

MUSTANG UNIT 1

OFFSET WELL LOCATION PLAT



R 23 E

ALL WELLS LIE WITHIN THE MUSTANG UNIT OF WHICH
TEXAS EASTERN SKYLINE OIL COMPANY IS OPERATOR.

LEGEND

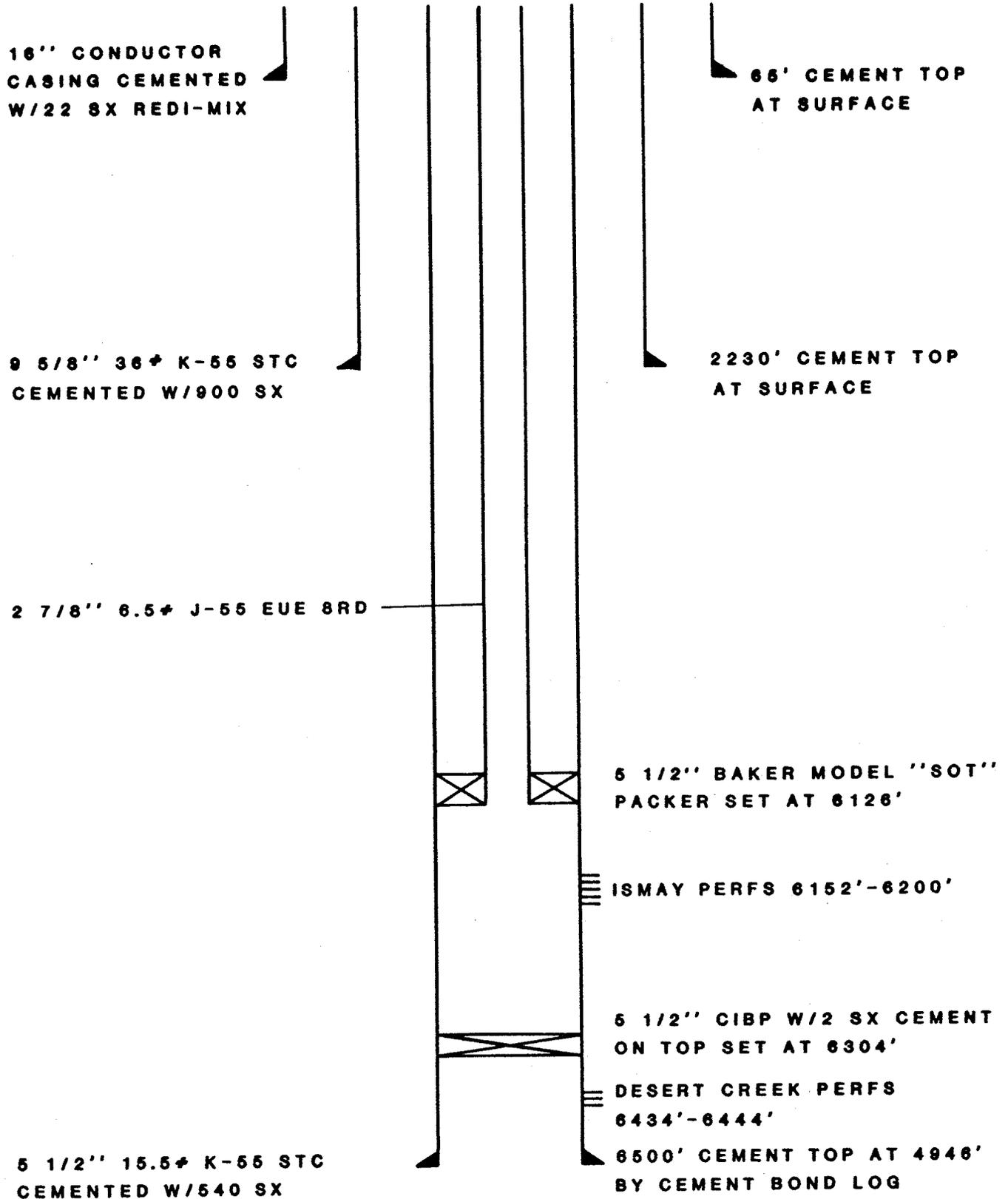
●
WELL NO.
DEPTH

SCALE 1":2000'

TEXAS EASTERN SKYLINE OIL COMPANY

MUSTANG UNIT 1

DOWNHOLE SCHEMATIC



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIP DATE*
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Gas Injection Well		5. LEASE DESIGNATION AND SERIAL NO. U-46818
2. NAME OF OPERATOR Texas Eastern Skyline Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1775 Sherman Street, Suite 1200, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Mustang
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 281' FNL & 1026' FEL (NE NE) Sec. 27, T36S, R23E		8. FARM OR LEASE NAME Mustang Unit
14. PERMIT NO. API #43-037-30776		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) OGL - 6123		10. FIELD AND POOL, OR WILDCAT Mustang Flat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T36S, R23E, SLB&M
		12. COUNTY OR PARISH 13. STATE San Juan Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) _____ <input type="checkbox"/>	

*NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

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.)*

In connection with Texas Eastern Skyline Oil Company's approved gas gathering and injection system for the Mustang Flat Field, please find attached a schematic drawing of the proposed equipment to be utilized for injection at the Mustang Unit #1.

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

SIGNED Michael D. Johnson TITLE Staff Engineer DATE 3-28-85

(This space for Federal or State office use)

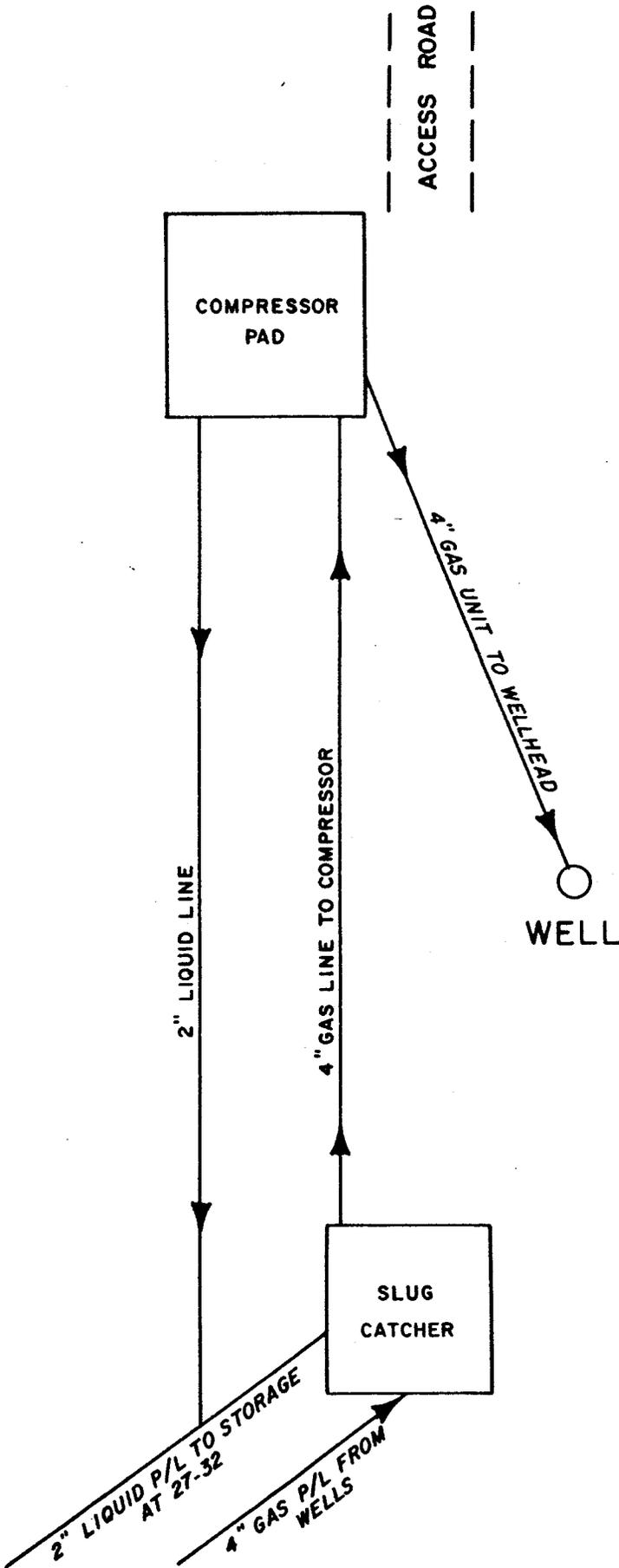
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

TEXAS EASTERN SKYLINE OIL COMPANY

MUSTANG UNIT 1

COMPRESSION FACILITIES DIAGRAM



NOTES: NO ADDITIONAL DISTURBANCE IN EXCESS OF ORIGINAL WELLSITE IS REQUIRED.

ALL LIQUIDS RECOVERED FROM SLUG CATCHER AND INTER-STAGE COOLERS OF COMPRESSOR WILL BE PIPED TO STORAGE AT WELL 27-32.

ALL LINES ON LOCATION ARE WELDED STEEL LINES AND WILL BE BURIED.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1985

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-060

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 21st day of March. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1985

San Juan Record
Legal Advertizing
Monticello, Utah 84535

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RE: Cause No. UIC-060

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Publication was sent to the following:

Newspaper Agency

Bureau of Land Management

U.S. Environmental Protection Agency

Utah State Department of Health

Texas Eastern Sdyline Oil Company

San Juan Record

Markus Poulsen
March 12, 1985

*Republication sent March 28, 1985 to same as
above (gas injection not stipulated) Republished
by April 3rd 1985 April 18th objection period finished
4th, 1985*

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---00000---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-060
OF TEXAS EASTERN SKYLINE OIL :
COMPANY FOR ADMINISTRATIVE : AMENDED NOTICE
APPROVAL OF THE MUSTANG UNIT #1 :
WELL, LOCATED IN SECTION 27, :
TOWNSHIP 36 SOUTH, RANGE 23 EAST, :
SAN JUAN COUNTY, UTAH, AS A :
CLASS II ENHANCED RECOVERY :
INJECTION WELL. :

---00000---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Texas Eastern Skyline Oil Company,
1775 Sherman, Suite 1200, Denver, Colorado 80203 has requested
administrative approval of Mustang Unit #1 well, located 281' FNL and
1026' FEL (NENE) of Section 27, Township 36 South, Range 23 East, San
Juan County, Utah as a Class II enhanced recovery injection well.

The proposed operating data for the well is as follows:

Injection Interval: Ismay Formation 6152' to 6200'
Maximum Estimated Surface Pressure: 5000 psig
Maximum Estimated Gas Injection Rate: 5500 MCFD

Administrative approval of this application will be granted unless
objections are filed with the Division of Oil, Gas and Mining within
fifteen days after publication of this Notice. Objections, if any,
should be mailed to: The Division of Oil, Gas and Mining, 355 West
North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah
84180-1203.

DATED this 27th day of March, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-060
OF TEXAS EASTERN SKYLINE OIL :
COMPANY FOR ADMINISTRATIVE :
APPROVAL OF THE MUSTANG UNIT #1 :
WELL, LOCATED IN SECTION 27, :
TOWNSHIP 36 SOUTH, RANGE 23 EAST, :
SAN JUAN COUNTY, UTAH, AS A :
CLASS II ENHANCED RECOVERY :
INJECTION WELL. :

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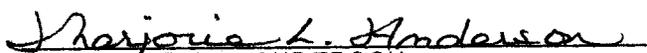
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should be mailed to: The Division of Oil, Gas and Mining, 355 West
North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah
84180-1203.

DATED this 12th day of March, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING DEPART-
MENT OF NATURAL RE-
SOURCE, STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF TEXAS EAST-
ERN SKYLINE OIL COMPANY
FOR ADMINISTRATIVE AP-
PROVAL OF THE MUSTANG
UNIT #1 WELL, LOCATED IN
SECTION 27, TOWNSHIP 36
SOUTH, RANGE 23 EAST, SAN
JUAN COUNTY, UTAH, AS A
CLASS II ENHANCED RECOV-
ERY INJECTION WELL.

CAUSE NO. UIC-060

THE STATE OF UTAH TO
ALL INTERESTED PARTIES
IN THE ABOVE ENTITLED
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Denver, Colorado 80203 has re-
quested administrative approval
of Mustang Unit #1 well, located
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281 feet FNL and 1026 feet FEL
(NENE) of Section 27, Township
36 South, Range 23 East, San Juan
County, Utah, as a Class II en-
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for the well is as follows:

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6200 feet

Maximum Estimated Sur-
face Pressure: 5000 psig

Maximum Estimated Wa-
ter Injection Rate: 5500
BWPD

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objections are filed with the Di-
vision of Oil, Gas and Mining
within fifteen days after publi-
cation of this Notice. Objections,
if any, should be mailed to: The
Division of Oil, Gas and Mining,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake City,
Utah 84180-1203.

DATED this 12th day of March,
1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING

s/MARJORIE L. ANDERSON
Administrative Assistant

Published in The San Juan Record
March 20, 1985.

I, Joyce Martin, ig duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of Cause No. UIC-060, application of Texas
Eastern Skyline Oil Company
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on March 20, 1985.
and the last publication having been made on _____

Signature _____
Publisher

Subscribed and sworn to before me this 20th
day of March, A.D. 1985.

Frederic K. Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING DEPART-
MENT OF NATURAL RE-
SOURCE, STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF TEXAS EAST-
ERN SKYLINE OIL COMPANY
FOR ADMINISTRATIVE AP-
PROVAL OF THE MUSTANG
UNIT #1 WELL, LOCATED IN
SECTION 27, TOWNSHIP 36
SCOUTH, RANGE 23 EAST, SAN
JUAN COUNTY, UTAH, AS A
CLASS II ENHANCED RECOV-
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CAUSE NO. UIC-060

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Maximum Estimated Wa-
ter Injection Rate: 5500
BWPD

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vision of Oil, Gas and Mining
within fifteen days after publi-
cation of this Notice. Objections,
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Division of Oil, Gas and Mining,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake City,
Utah 84180-1203.

DATED this 12th day of March,
1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING
s/MARJORIE L. ANDERSON
Administrative Assistant
Published in The San Juan Record
March 20, 1985.

I, Joyce Martin, ig duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of Cause No. UIC-060, application of Texas
Eastern Skyline Oil Company

a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on March 20, 1985.
and the last publication having been made on _____

Signature _____
Publisher

Subscribed and sworn to before me this 20th
day of March, A.D. 1985.

Ingrid K Adam
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

AFFIDAVIT OF PUBLICATI...

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING DEPART-
MENT OF NATURAL RE-
SOURCE STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF TEXAS EASTERN
SKYLINE OIL COMPANY FOR
ADMINISTRATIVE APPROVAL
OF THE MUSTANG UNIT #1
WELL, LOCATED IN SECTION
27, TOWNSHIP 36 SOUTH,
RANGE 23 EAST, SAN JUAN
COUNTY, UTAH, AS A CLASS
II ENHANCED RECOVERY IN-
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CAUSE NO. UIC-060
AMENDED NOTICE

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Pressure: 5000 psig
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within fifteen days after pub-
lication of this Notice. Ob-
jections, if any, should be mailed
to: The Division of Oil, Gas
and Mining, 355 West North
Temple, 3 Triad Center, Suite
350, Salt Lake City, Utah 84180-
1203.

DATED this 27th day of March,
1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

s/MARJORIE L. ANDERSON
Administrative Assistant

Published in The San Juan Record
April 3, 1985.

I, Joyce Martin, ng duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice _____ of Cause No. UIC-060, Texas

Eastern Skyline Oil

a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on April 3, 1985
and the last publication having been made on _____

Signature _____

Joyce A. Martin

Publisher

Subscribed and sworn to before me this third
day of April, A.D. 1985.

Ingrid K. Adams

Notary Public
Residing at Monticello, Utah
December 2, 1987

My commission expires _____

AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL,
GAS AND MINING DEPART-
MENT OF NATURAL RE-
SOURCE STATE OF UTAH

IN THE MATTER OF THE AP-
PLICATION OF TEXAS EASTERN
SKYLINE OIL COMPANY FOR
ADMINISTRATIVE APPROVAL
OF THE MUSTANG UNIT #1
WELL, LOCATED IN SECTION
27, TOWNSHIP 36 SOUTH,
RANGE 23 EAST, SAN JUAN
COUNTY, UTAH, AS A CLASS
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AMENDED NOTICE

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1203.

DATED this 27th day of March,
1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

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Administrative Assistant

Published in The San Juan Record
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_____ Eastern Skyline Oil _____
a copy of which is hereunto attached, was published in
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publication having been made on April 3, 1985
and the last publication having been made on _____

Signature _____

Joyce A. Martin

Publisher

Subscribed and sworn to before me this third
day of April, A.D. 1985.

Ingrid K Adams

Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication **RECEIVED**

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

APR 03 1985

DIVISION OF OIL
GAS & MINING

Cheryl Gierloff

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-060 - Application of Texas

Eastern Skyline Oil Company

was published in said newspaper on

March 21, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 29th day of

March A.D. 1985

B. J. Lewis

Notary Public

My Commission Expires

March 1, 1988



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-060
IN THE MATTER OF THE APPLICATION OF TEXAS EASTERN SKYLINE OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MUSTANG UNIT #1 WELL, LOCATED IN SECTION 27, TOWNSHIP 36 SOUTH, RANGE 23 EAST, SAN JUAN COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL.
THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.
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DATED this 12th day of March, 1985.
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
C-99

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

..... Cheryl Gierloff

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..... Cause No. UIC-060 ... Application of Texas

..... Eastern Skyline Oil Company

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-060

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DATED this 12th day of March, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

C-99

..... was published in said newspaper on

..... March 21, 1985

..... Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 29th day of
..... March A.D. 19 85

..... B. J. [Signature]

Notary Public

My Commission Expires

..... March 1, 1988



Affidavit of Publication

RECEIVED

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

APR 16 1985

DIVISION OF OIL
GAS & MINING

Cheryl Gierloff

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Amended Notice - Cause No. UIC-060 - Application
of Texas Eastern Skyline Oil Company

was published in said newspaper on

April 4, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this8th..... day of

.....April..... A.D. 1985.....

R. J. Stone

Notary Public

My Commission Expires

.....March 1, 1988.....



AMENDED NOTICE
CAUSE NO. UIC-060
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF TEXAS EASTERN SKYLINE OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MUSTANG UNIT #1 WELL, LOCATED IN SECTION 27, TOWNSHIP 36 SOUTH, RANGE 23 EAST, SAN JUAN COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Texas Eastern Skyline Oil Company, 1775 Sherman, Suite 1200, Denver, Colorado 80203 has requested administrative approval of Mustang Unit #1 well, located 281' FNL and 1026' FEL (NENE) of Section 27, Township 36 South, Range 23 East, San Juan County, Utah as a Class II enhanced recovery injection well.

The proposed operating data for the well is as follows:
 Injection Interval: Ismay Formation 6152' to 6200'
 Maximum Estimated Surface Pressure: 5000 psig
 Maximum Estimated Gas Injection Rate: 5500 MCFD

Administrative approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this notice. Objections, if any, should be mailed to: The Division of Oil, Gas and Mining, 335 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84183-1203.

DATED this 27th day of March, 1985.

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 MARJORIE L. ANDERSON
 Administrative Assistant

E-56

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

..... Cheryl Gierloff

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

AMENDED NOTICE
CAUSE NO. UIC-060
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF TEXAS EASTERN SKYLINE OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MUSTANG UNIT #1 WELL, LOCATED IN SECTION 27, TOWNSHIP 36 SOUTH, RANGE 23 EAST, SAN JUAN COUNTY, UTAH, AS A CLASS II ENHANCED RECOVERY INJECTION WELL.

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Maximum Estimated Gas Injection Rate: 5500 MCFD

Administrative approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: The Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 27th day of March, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

E-56

That the legal notice of which a copy is attached hereto

..... Amended Notice - Cause No. UIC-060 - Application
..... of Texas Eastern Skyline Oil Company

was published in said newspaper on

..... April 4, 1985

..... Cheryl Gierloff
..... Legal Advertising Clerk

Subscribed and sworn to before me this 8th day of

..... April A.D. 1985

..... B. J. [Signature]
..... Notary Public

My Commission Expires

..... March 1, 1988



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texas Eastern Skyline Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1775 Sherman Street, Suite 1200, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Mustang
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Mustang Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DP, ST, GR, etc.)	9. WELL NO. <u>1</u> , 22-34, 26-23, 26-33, 27-21, 27-32, 27-43
		10. FIELD AND POOL, OR WILDCAT Mustang Flat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, 26 & 27, T36S R23E, SLB&M
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Texas Eastern Skyline Oil Company proposes to modify the approved produced gas gathering and injection system as follows:

1. Install approximately 2000' of 2" liquids line between Nos. 1 & 27-32 to be buried in same trench as 4" pipeline.
2. Install 9' x 40' (approx.) horizontal storage tank at Well 27-32 instead of well No. 1.
3. Delete flare stack at Well #1.

RECEIVED
APR 02 1985
DIVISION OF OIL
GAS & MINING

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

SIGNED Michael D. Anderson TITLE Staff Engineer DATE 3-28-85

(This space for Federal or State office use)

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

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 15, 1985

Texas Eastern Skyline Oil Company
1775 Sherman, Suite 1200
Denver, Colorado 80203

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-060

Administrative approval is hereby granted to convert the following listed well to a Class II enhanced recovery injection well.

Mustang Unit #1
Section 27, Township 36 South, Range 23 East
San Juan County, Utah

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

mfp
7627U

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED

MAY 01 1985

RULE I-7 (d & e)

DIVISION OF OIL
GAS & MINING

NOTICE OF **COMMENCEMENT** (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification: _____ Date of Commencement/~~Termination~~ April 25, 1985

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name Mustang Unit #1

Location: Section 27 Twp. 36S Rng. 23E, County San Juan

Order No. authorizing Injection UIC - 060 Date April 15, 1985

Zone into Which Fluid Injected Ismay

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator TEXAS EASTERN SKYLINE OIL COMPANY

Address 1775 Sherman Street, Suite 1200, Denver, Colorado 80203

Michael D. Anderson
Signature

April 29, 1985
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

RECEIVED
FEB 10 1987

DIVISION OF
OIL, GAS & MINING

RULE 1-9

NOTICE OF TRANSFER OF OWNERSHIP

Classification of Well Transferred: Disposal Well Enhanced Recovery Injection Well

Name of Present Operator Texas Eastern Skyline Oil Company

Address 1775 Sherman Street, Suite 1200, Denver, Colorado 80203

Well Being Transferred:

Name: Mustang Unit #1

Location: Sec. 27 Twp. 36S Rng. 23E County San Juan

Order No. Authorizing Injection UIC-060 Date april 15, 1985

Zone Injected Into: Ismay

Effective Date of Transfer February 1, 1987

Michael D. Anderson
Signature

2-3-87
Date

Name of New Operator Samedan Oil Corporation

Address 1616 Glenarm Place, Suite 2550, Denver, Colorado 80202

Greg L. Samedan
Signature of New Operator

2-5-87
Date

FOR DOGM USE ONLY

It is acknowledged by the Division of Oil, Gas, and Mining that Samedan Oil Corp. is the new operator of the above-named well and may:

- continue to inject fluids as authorized by Order No. UIC-060
- not inject fluids until after Notice, Hearing, and Approval by the Division

Signature [Signature] Date 2/11/87

FILE IN TRIPLICATE The approval of this transfer is subject to the bonding requirements of Rule 301 of the Oil and Gas Conservation General Rules.

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424. LEASE DESIGNATION AND SERIAL NO.

U-46818

sent 6/5/87 and copied

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 "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED JUN 01 1987

1. OIL WELL GAS WELL OTHER **GAS Injection well SALT LAKE CITY, UTAH**

2. NAME OF OPERATOR **Samedan Oil Corporation DIVISION OF OIL, GAS & MINING**

3. ADDRESS OF OPERATOR **Security Life Bldg. 1616 Glenarm Place, Suite 2550, Denver, CO 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
281' FNL & 1026' FEL Sec. 27, T.36S., R.23E.

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, CR, etc.) _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME **Mustang Unit**

8. FARM OR LEASE NAME _____

9. WELL NO. **1**

10. FIELD AND POOL, OR WILDCAT _____

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 27, T. 36S., R. 23E.

12. COUNTY OR PARISH **San Juan** 13. STATE **Utah**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Propose to blow well down via flare line, kill well with saltwater. Remove tree POH with tubing and packer. Clean well out with bit & scraper. Set permanent packer assembly via wireline. Run premium connection tubing & N.U. new X-mas tree. Swab well in clean up and place back on injection. Estimated starting date 5-28-87.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 6/3/87
 BY: [Signature]

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

SIGNED [Signature] TITLE Production Engineer DATE 5-28-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

SAMEDAN OIL CORPORATION
1050 Seventeenth Street, Suite 1100 Denver, Colorado 80265
(303)534-1533 Fax (303)534-1103

February 24, 1994

FEB 28 1994

State of Utah
Department of Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: Mr. Gil Hunt

RE: Mustang Unit #1 43-037-30776
Sec. 27, T365-R23E
San Juan County, Utah

Gentlemen:

The last gas injection into the subject well was in November, 1991. Samedan does not have any plans to return this well to injection in the near future. In fact, it's more likely to become a producer than an injector.

Prior to abandonment of the field the gas cap would be blown down by producing this well. If oil prices remain low and gas prices high, this blow down may occur sooner than originally planned.

Therefore, we do not see any reason to pressure test the backside of this well. It's not necessary at this time.

Please contact us if you need additional information.

Sincerely,

SAMEDAN OIL CORPORATION


Gary L. Brune
Division Production Superintendent

xc: Scott Steinke
Well File

GLB/dcp
brune/ltr.001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1999

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

UTU8910203950

2. Name of Operator

Samedan Oil Corporation

8. Well Name and No.

Mustang Unit #1

3. Address and Telephone No.

1050 17th Street, Suite 1100, Denver, CO 80265 (303) 534-1533

9. API Well No.

43-037-30776

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

281' FNL 1026' FEL
Sec 27-T36S-R23E SLBM

10. Field and Pool, or Exploratory Area

Mustang, Ismay

11. County or Parish, State

San Juan, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

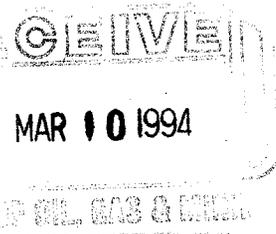
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Produce well

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

13. 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.)

This is a shut in injection well. Samedan proposes to produce the Mustang Unit #1.



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

Signed Scott Steinke Scott Steinke

Title Petroleum Engineer

Date 3/4/94

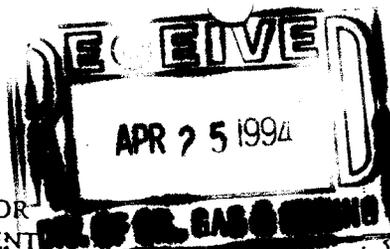
(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 4604-1135
Expires September 30, 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Samedan Oil Corporation

3. Address and Telephone No.
 1050 17th Street, Suite 1100, Denver, CO 80265 (303) 534-1533

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 281' FNL 1026' FEL
 Sec 27-T36S-R23E SLBM

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
 UTU8910203950

8. Well Name and No.
 Mustang Unit #1

9. API Well No.
 43-037-30776

10. Field and Pool, or Exploratory Area
 Mustang, Ismay

11. County or Parish, State
 San Juan, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Produce well

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

The Mustang Unit #1 commenced production on April 20, 1994. SITP was 2500 psi.
 Average rate 430 MCFPD, 0 BOPD, 0 BWPD with 1550 psi on 8/64" choke.

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

Signed Scott Steinke Title Petroleum Engineer Date 4/22/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 2604-1125
Expires September 30, 1989

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU8910203950
2. Name of Operator Samedan Oil Corporation	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 1050 17th Street, Suite 1100, Denver, CO 80265 (303) 534-1533	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 281' FNL 1026' FEL Sec 27-T36S-R23E SLBM	8. Well Name and No. Mustang Unit #1
	9. API Well No. 43-037-30776
	10. Field and Pool, or Exploratory Area Mustang, Ismay
	11. County or Parish, State San Juan, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Produce well
Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

13. 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.)

This is a shut in injection well. Samedan proposes to produce the Mustang Unit #1.

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

Signed Scott Steinke Scott Steinke Title Petroleum Engineer Date 3/4/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

OPERATOR SAMEDAN OIL CORPORATION

OPERATOR ACCT. NO. N 0185

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	6432	10774	43-037-30776	MUSTANG U #1	NENE	27	36S	23E	SAN JUAN		4-20-94
WELL 1 COMMENTS: *MUSTANG UNIT/ISMY P.A. ENTITY 10774.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)

Signature
ADMIN. ANALYST

4-29-94

Title

Date

Phone No. ()

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Samedan Oil Corporation

3. Address and Telephone No.
1050 17th Street, Suite 1100, Denver, CO 80265 (303) 534-1533

4. Location of Well (Footage, Sec., T., R., M., or survey Description)
281' FNL & 1026' FEL Sec. 27 - T36S - R23E

5. Lease Designation and Serial No.

 6. If Indian, Allottee or Tribe Name

 7. If Unit or CA. Agreement Designation
UTU8910203950

8. Well Name and No.
Mustang Unit #1

9. API Well No.
43-037-30776

10. Field and Pool, or Exploratory Area
Mustang, Ismay

11. County or Parish, State
San Juan Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

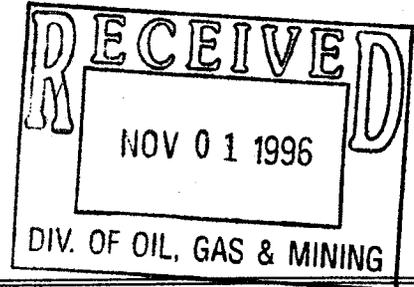
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Dual Production Approval</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Samedan seeks approval for dual production (Ismay/Desert Creek) of the subject well (workover to be completed in Jan. 97):

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- the Desert Creek would produce up the tbg, while the Ismay produced up the annulus



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

Signed Matthew Peterson Matthew Peterson Title Petroleum Engineer Date 10/30/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of Approval, if any: _____

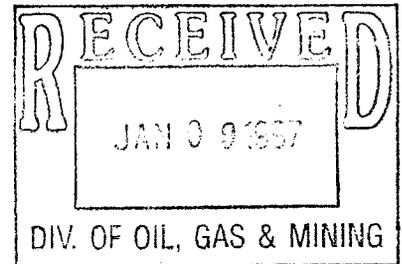
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155



IN REPLY REFER TO:
3160
(UT-922)

January 7, 1997

Memorandum

To: Gary Torres, Petroleum Engineer, San Juan Field Office
From: Michael Coulthard, Petroleum Engineer
Subject: 1997 Plan of Development, Mustang Unit,
San Juan County, Utah

Pursuant to telephone conversation between us, the following producing well is planned for recompletion in the Desert Creek Formation for calendar year 1997.

Well 1 NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27 Township 36S Range 23E SLB&M

This office has no objection to approving the Sundry Notice at this time.

bcc: Division of Oil, Gas and Mining
File - Mustang Unit
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1/7/97

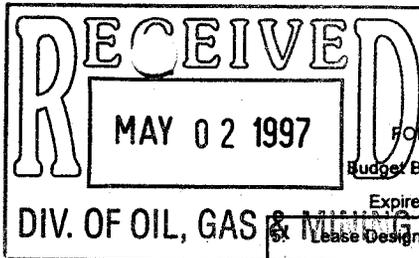
DATE: 07/16/96

W E L L S B Y T O W N S H I P R A N G E S E C T I O N

PAGE: 211

TOWN SHIP	RANGE	SEC	QTR	API NUMBER	PROD ZONE	ENTITY	WELL STATUS	WELL NAME	ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME
S360	E230	9	SESE	4303731415		99998	LA	CABALLO FED. 3-9	N9485	QUINTANA PETROLEUM CORP	1	WILDCAT
		9	SWSE	4303731365	ISMY	10830	PA	CABALLO FEDERAL 1-9			736	CABALLO
		13	NWNW	4303730933		99998	PA	EAST MUSTANG #13-11	NO185	SAMEDAN OIL CORPORATION	1	WILDCAT
		13	NWSW	4303731404		11008	PA	BIG PONY 1-13			2	UNDESIGNATED
		14	NESW	4303731672		99998	LA	GNR 23-14	N1585	GLOBAL NATURAL RES CORP		
		14	SWNW	4303731671		99998	LA	GNR 12-14				
		15	NWNW	4303731403	ISMY	10994	POW	CABALLO UNIT 1-15	NO895	BALLARD & ASSOCIATES INC	736	CABALLO
		15	SWNW	4303731473		99998	LA	CABALLO UNIT #4	N7400	YATES PETROLEUM CORP	2	UNDESIGNATED
		17	SENE	4303731232		99998	PA	CROSSBED FEDERAL 1-17	N9485	QUINTANA PETROLEUM CORP	1	WILDCAT
		22	NESE	4303731109		99998	PA	MUSTANG UNIT #22-43	NO185	SAMEDAN OIL CORPORATION	415	MUSTANG FLAT
		22	NESW	4303731154		99998	PA	MUSTANG UNIT #22-23				
		22	SWSE	4303730943	ISMY	10774	POW	MUSTANG UNIT #22-34				
		23	SWNE	4303731350		99998	LA	LITTLE PONY 23-32				
		23	SWNE	4303731467		99998	LA	LITTLE PONY 23-32				
		26	NESW	4303731024	ISMY	10774	POW	MUSTANG UNIT 26-23				
		26	NWSE	4303731086	ISMY	6505	POW	MUSTANG UNIT #26-33				
		26	SENE	4303731110		99998	LA	MUSTANG UNIT #26-42	N2940	TEXAS EASTERN SKYLINE OIL		
		26	SESE	4303731111		99998	LA	MUSTANG UNIT #26-44				
		26	SESW	4303730807		99998	PA	MUSTANG UNIT 2	NO185	SAMEDAN OIL CORPORATION	1	WILDCAT
		26	SESW	4303731405		99998	LA	MUSTANG 4			415	MUSTANG FLAT
		26	SWNW	4303730894	ISMY	10774	POW	MUSTANG UNIT #3				
		27	NENE	4303730776	ISMY	10774	PGW	MUSTANG U #1				
		27	NENW	4303731030	ISMY	10774	POW	MUSTANG UNIT 27-21				
		27	NESE	4303731104	ISMY	10774	PA	MUSTANG UNIT 27-43				
		27	SENE	4303731325	ISMY	10774	POW	MUSTANG UNIT 27-42				
		27	SWNE	4303731025	ISMY	10774	POW	MUSTANG UNIT 27-32				
		29	SWSE	4303731340		10786	PA	RECAPTURE FEDERAL 29-34			1	WILDCAT
		31	NESW	4303731378		10836	PA	LEMS DRAW FEDERAL #1	N7400	YATES PETROLEUM CORP		
		32	SENE	4303731466		10888	PA	WILD STALLION UNIT #2	NO185	SAMEDAN OIL CORPORATION		
		33	SWNW	4303731426	ISMY	10888	PGW	WILD STALLION UNIT #1			478	WILD STALLION
E240		18	NWSW	4303730788		99998	PA	DIABLO #1			1	WILDCAT
		20	SENE	4303731688		99998	PA	QUANTUM 1	NO385	AMPOLEX (TEXAS) INC		
		22	NENW	4303710632		99998	PA	MONTEZUMAS CREEK UNIT #2	PO662	KINGWOOD OIL COMPANY		
		24	SENE	4303731686		99998	PA	CACTUS PARK 1	NO385	AMPOLEX (TEXAS) INC		
		25	SWNW	4303731737		11639	PA	SLIPSTREAM 1				
		29	NWNW	4303730997		99998	PA	DEVIL CYN FED 1-29	NO610	MCOR OIL & GAS CORP		
		31	NWNW	4303731102		99998	PA	DEVIL CANYON #11-31	NO340	DIAMOND SHAMROCK EXPL		
		31	SWSW	4303731655	DSCR	11331	POW	GNR 31-14 BRONCO FEDERAL	N6700	JK EDWARDS ASSOCIATES INC		
		32	SWSE	4303730588		99998	PA	STATE 1-32	NO610	MCOR OIL & GAS CORP		
		34	NWNW	4303731689		99998	PA	SCORPION 1	NO385	AMPOLEX (TEXAS) INC		
E250		8	SESW	4303731226		99998	PA	MONUMENT BUTTE 1-8	N9485	QUINTANA PETROLEUM CORP		
		12	NESE	4303730499	DSCR	990	PA	BUG #1	N1070	WEXPRO COMPANY	320	BUG
		12	NWNW	4303731470		11012	PA	8822 JV-P CEDAR POINT #1	NO310	BTA OIL PRODUCERS	2	UNDESIGNATED
		12	NWSW	4303731184		99998	PA	CEDAR POINT F-13-12G	N7370	MOBIL EXPLOR & PROD		
		13	SWNE	4303730064	DSCR	99998	PA	FEDERAL CONNELLY #1	N1070	WEXPRO COMPANY	320	BUG
		18	SESE	4303730909	HNKRT	6031	SGW	HORSEHEAD POINT 18-44	NO385	AMPOLEX (TEXAS) INC	484	UNNAMED 18-36S2
		19	SWNE	4303731436		99998	LA	MONUMENT BUTTE UNIT 1-19	NO830	SANTA FE ENERGY COMPANY	1	WILDCAT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Samedan Oil Corporation

3. Address and Telephone No.
1050 17th Street, Suite 1100, Denver, CO 80265 (303) 534-1533

4. Location of Well (Footage, Sec., T., R., M., or survey Description)
281 FNL 1026 FEL Sec 27 - T36S - R23E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation
UTU 8910203950

8. Well Name and No.
Mustang Unit #1

9. API Well No.
43-037-30776

10. Field and Pool, or Exploratory Area
Mustang, Ismay

11. County or Parish, State
San Juan, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Recompleted well as dual produced Desert Creek/Ismay well.
Date of work: 3/1/97 to 4/7/97
MIRU PU. Pull 2 7/8" tbg. TIH with fishing tools. Pull packer. TOOH. TIH with bit. Drill out CIBP. TIH to PBDT 6478. TOOH. 9 5/8" surface casing cracked under wellhead. Wireline set CIBP at 5100'. Pressure test 5 1/2" casing to 1500 psi. Perf 4 sqz holes at 2240'. Pump into perforations at 1/4 BPM, 3000 psi. No returns at surface. TIH w/ open 2 7/8" tubing to 2301'. Spot 100 sx class "G" cement. Sqz 19 bbls past 5 1/2" casing. TOOH. SI with 1200 psi. TIH w/ bit and collars. Drill out cement to 2331'. Test squeeze to 1000 psi. TOOH.
RU wireline. Run CBL from 2340 to surface. Good cement bond from 2263 to 2142. RD wireline. Run 1" PVC 80' below crack on 9 5/8". Pump 50 sx class "G" to surface. SD.
Cement static at surface and wellhead stable. TIH w/ mill and collars. Drill CIBP. TIH to PBDT 6470'. TOOH. TIH w/ pkr on 2 7/8" tbg. Set at 6415. ND BOP. NU wellhead.
Desert Creek producing 80 MCFPD up tubing, Ismay producing 20 MCFPD via tubing/casing annulus.
Desert Creek perfs 6434-6444. Packer 6415. Ismay perfs 6152-6200.

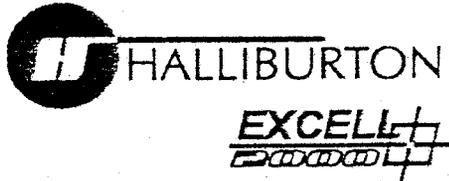
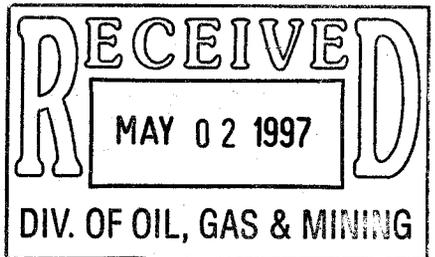
14. I hereby certify that the foregoing is true and correct

Signed Scott Steinke Title Petroleum Engineer Date 4/29/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of Approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**ACOUSTIC
CEMENT BOND
LOG**

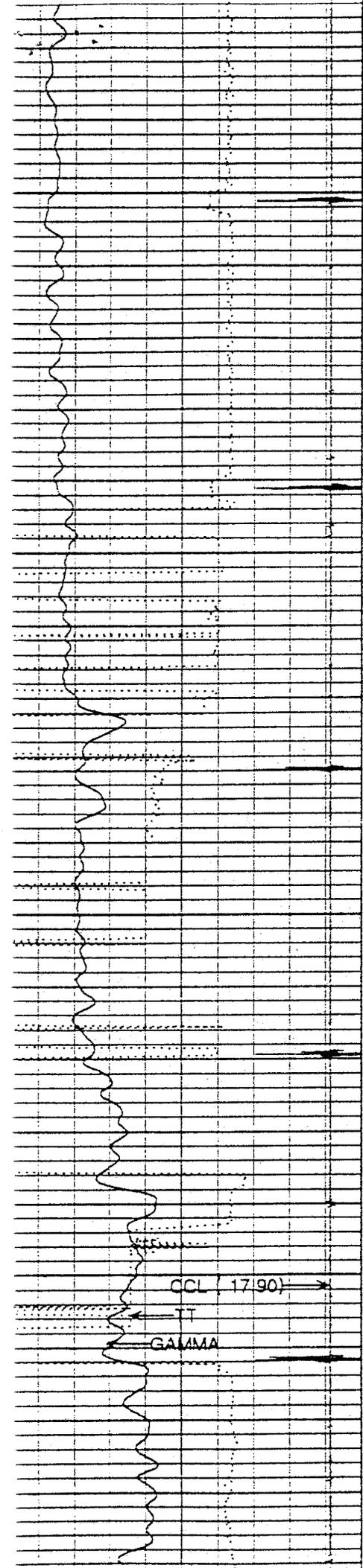
COMPANY <u>SAMEDAN OIL CORPORATION</u> WELL <u>MUSTANG UNIT NO.1</u> FIELD <u>DESERT CREEK</u> COUNTY <u>SAN JUAN</u> STATE <u>UTAH</u>	COMPANY <u>SAMEDAN OIL CORPORATION</u> WELL <u>MUSTANG UNIT NO.1</u> FIELD <u>DESERT CREEK</u> COUNTY <u>SAN JUAN</u> STATE <u>UTAH</u> API No. <u>N/A</u> Location <u>NE/4 NE/4</u> Other Services <u>CIBP @ 5100'</u> <u>4 SQZ HOLES</u> <u>@ 2240'</u> Sect <u>27</u> Twp <u>36S</u> Rge <u>23E</u>
--	--

Permanent Datum <u>GROUND LEVEL</u> Elev <u>6123'</u>	Elev.: K.B. <u>6135'</u>
Log measured from <u>K.B.</u> <u>12</u> ft. above perm. datum	D.F. <u>6134'</u>
Drilling measured from <u>K.B.</u>	G.L. <u>6123'</u>

Date @ Time Logged	<u>03/17/97 @09:04</u>	Type fluid in hole	<u>WATER</u>
Run No.	<u>ONE</u>	Density of Fluid	<u>N/A</u>
Depth - Driller	<u>N/A</u>	Fluid Level	<u>FULL</u>
Depth - Logger	<u>N/A</u>	Cement Top Est. Logged	<u>LOGGED</u>
Bottom - Logged Interval	<u>2345'</u>	Equipment / Location	<u>53532 / FARM.</u>
Top - Logged Interval	<u>31'</u>	Recorded by	<u>M.NIX</u>
Max. rec. temp., deg F.	<u>N/A</u>	Witnessed by	<u>R.SHELTON</u>

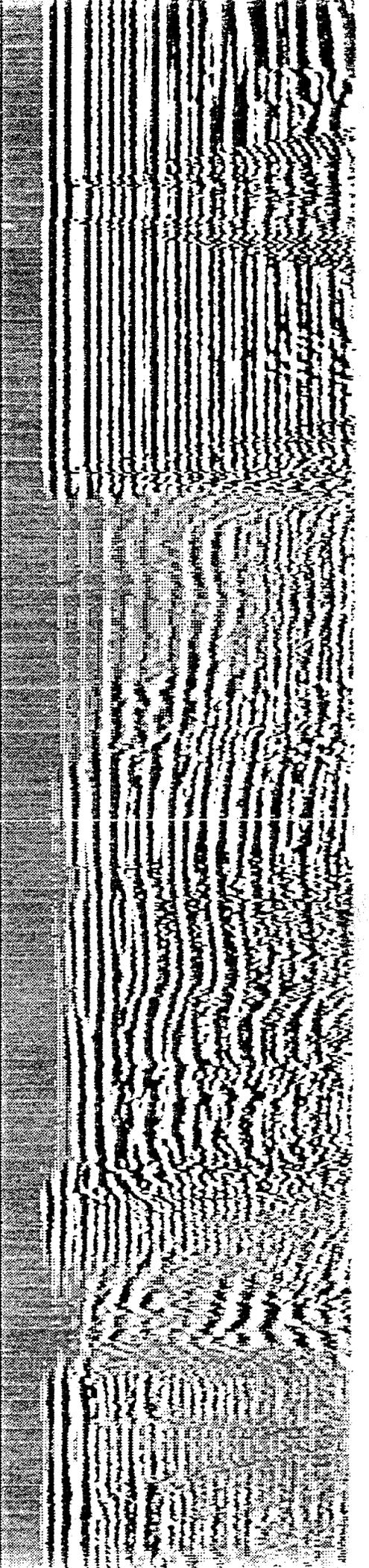
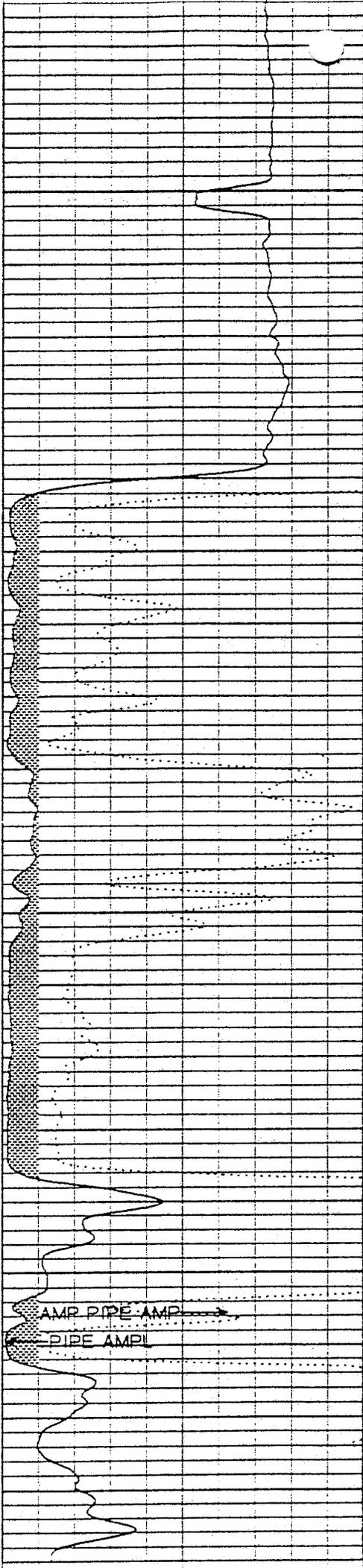
CEMENTING DATA	Surface	Protection	Production	Liner
	String	String	String	
Date/Time Cemented				
Primary/Squeeze				
Expected Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	/	/	/
Formulation				
MUD Type / MUD Wgt.	/	/	/	/

RUN No.	BOREHOLE RECORD			CASING & TUBING RECORD			
	Bit	From	To	Size	Wgt.	From	To
				9.652"	36.0#	SURF.	2230'
				5.500"	17.0#	SURF.	42'
				5.500"	15.5#	42'	6060'
				5.500"	17.0#	6060'	6500'



2100

2200



OPERATOR SAMEDAN OIL CORPORATION
 ADDRESS 1050 17th Street, Suite 1100
Denver, Colorado 80265

OPERATOR ACCT. NO. 50185

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	SC	TP	RG	COUNTY		
D	10774	12112	4303730776	Mustang #1	NENE	27	36S	23E	San Juan	3/1/97	4/7/97
WELL 1 COMMENTS: <i>Entity added 5-13-97 (Mustang U/Non P.A.)</i> Well recompleted to Desert Creek Formation. Desert Creek is not unitized under the Mustang Unit Agreement.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)**
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Michael Beaville
 Signature

Division Production Clerk 5/6/97
 Title Date

Phone No. (303) 534-1533



SAMEDAN OIL CORPORATION
1050-17th, Suite 1100
Denver, CO 80285
(303) 534-1833 FAX (303) 534-3602 or (303) 534-1103

TO: Lisha Cordova

FROM: Michelle Deaville

DATE: 5/6/97

COMMENTS _____

PAGES INCLUDING COVER: 4

THIS DOCUMENT WILL / WILL NOT BE MAILED



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MOAB FIELD OFFICE
1996 NOV -1 PM 2:50

JAN 31 1997

BUDGET BUREAU 40-40155
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OF THE INTERIOR

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281' FNL & 1026' FEL Sec. 27 - T36S - R23E

5. Lease Designation and Serial No.
UTU8910203950

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation
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8. Well Name and No.
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10. Field and Pool, or Exploratory Area
Mustang, Ismay

11. County or Parish, State
San Juan Co., UT

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	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Dual Production Approval</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
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RECEIVED
MAY 16 1997
DIV. OF OIL, GAS & MINING

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

Signed Matthew Peterson Matthew Peterson Title Petroleum Engineer Date 10/30/96

(This space for Federal or State office use)

Approved by [Signature] Title Assistant Field Manager, Resource Management Date 1/28/97

Conditions of Approval, if any: **CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CPH.

Delaware

PAGE 1

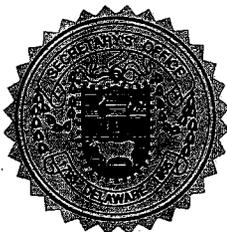
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

0738126 8100M

AUTHENTICATION: 2171416

020798841

DATE: 12-26-02

CERTIFICATE OF OWNERSHIP AND MERGER

of

SAMEDAN OIL CORPORATION
(a Delaware corporation)

with and into

NOBLE ENERGY, INC.
(a Delaware corporation)

(UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE)

NOBLE ENERGY, INC., a Delaware corporation, hereby certifies that:

(1) The name and state of incorporation or formation of each of the constituent corporations are:

- and
- (a) Samedan Oil Corporation, a Delaware corporation ("Samedan");
 - (b) Noble Energy, Inc., a Delaware corporation ("Noble").

(2) Noble owns 100% of the issued and outstanding shares of the capital stock of Samedan.

(3) Noble shall be the surviving entity in the merger.

(4) Pursuant to Section 253 of the General Corporation Law of the State of Delaware, the Board of Directors of Noble adopted resolutions, by unanimous written consent, authorizing the merger of Samedan with and into Noble. A copy of such resolutions, adopted by the Board of Directors of Noble as of December 10, 2002, is attached hereto as Exhibit A.

(5) The Certificate of Incorporation of Noble shall be the Certificate of Incorporation of the surviving corporation.

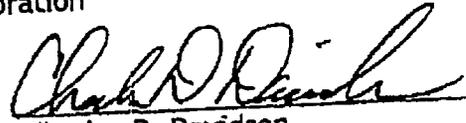
(6) The effective date of the merger shall be as of 11:59 p.m. EST, on December 31, 2002.

(7) Anything herein or elsewhere to the contrary notwithstanding, this merger may be abandoned by the Board of Directors of Noble at any time prior to the date of filing the merger with the Secretary of State.

IN WITNESS WHEREOF, Noble has caused this certificate to be signed by the undersigned on the 17th day of December, 2002.

NOBLE ENERGY, INC., the surviving corporation

By:



Charles D. Davidson
President

060132 003224 HOUSTON 226763.2

NO. 777

THOMPSON & KNIGHT

DEC. 20. 2002 11:59AM

TOTAL P.03

EXHIBIT A**Relating to the Merger of Samedan Oil Corporation with and into Noble Energy, Inc.**

WHEREAS, Samedan Oil Corporation, a Delaware corporation ("Samedan"), is a wholly-owned, direct subsidiary of Noble Energy, Inc., a Delaware corporation ("Noble"); and

WHEREAS, the Board of Directors of Noble (the "Board") has determined, in its best business judgment, that it would be in the best interest of Noble to merge Samedan with and into Noble (the "Merger"); and

WHEREAS, Noble would be the surviving entity in the Merger; and

WHEREAS, for federal income tax purposes, the parties intend that the Merger qualify as a reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended (the "Code"), and/or as a tax-free liquidation under Section 332 of the Code;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Noble hereby approves the Merger; and further

RESOLVED, that Samedan shall be merged with and into Noble pursuant to the provisions of Section 253 of the Delaware General Corporation Law (the "DGCL"), and Noble shall be the surviving entity of the Merger; and further

RESOLVED, that in accordance with the DGCL, at midnight on December 31, 2002 (the "Effective Time"):

- (a) the separate existence of Samedan shall cease;
- (b) Noble and Samedan shall then and thereafter together comprise a single entity, which shall be Noble;
- (c) title to all real estate and other property and rights owned by Samedan shall be deemed to be owned by, and vested in, Noble without reversion or impairment; and
- (d) Noble shall assume all liabilities and obligations of Samedan; and further

RESOLVED, that at the Effective Time, each issued and outstanding share of the common stock, par value \$10.00 per share, of Samedan shall, by virtue of the Merger, be immediately cancelled and retired with no consideration to be paid therefor and all certificates representing such interests shall be cancelled; and further

RESOLVED, that after the Effective Time, each outstanding share of the common stock, par value \$3.333 per share, of Noble shall remain issued and outstanding; and further

RESOLVED, that the Board of Directors of Noble will serve as the Board of Directors of the surviving entity, and the Bylaws and Certificate of Incorporation of Noble shall serve as the Bylaws and Certificate of Incorporation of the surviving entity; and further

RESOLVED, that the proper officers of Noble are hereby authorized and empowered to take or cause to be taken all such further lawful action and to sign, execute, acknowledge, certify, deliver, accept, record and file all such further instruments in the name and on behalf of Noble as in their judgment shall be necessary, desirable or advisable in order to carry out the intent, and to accomplish the purposes, of the foregoing resolutions pursuant to the applicable provisions of the DGCL; and further

RESOLVED, that all lawful actions heretofore taken by the officers, counsel or representatives of Noble in connection with the subject of the foregoing resolutions be, and each hereby is, approved, ratified and confirmed in all respects as the act and deed of Noble.

060132 003224 HOUSTON 236763.2

NOV 27 2002

THOMPSON & KNIGHT

DEC 20 2002 12:00PM
TOTAL P.04

CT CORPORATION

January 8, 2003

Colleen McFadden
Thompson & Knight
333 Clay Street, Suite 3300
Houston TX 77002-4499

Re: Order #: 5762125 SO
Customer Reference 1: 060132.003224
Customer Reference 2:

Dear Colleen McFadden:

In response to your request regarding the above referenced order, your filing(s) has been completed as indicated below:

Noble Energy, Inc. (DE)
Qualification
Utah
Filing Date:

Fax #832-397-8109

If you have any questions concerning this order, please contact:

Jayna C Nickell
Houston Corporate Team 2
Phone: (713) 759-0729
Email: Jayna_Nickell@cch-lis.com

Thank you for this opportunity to be of service.

50 West Broadway, 8th Floor
Salt Lake City, UT 84101
Tel. 801 364 5101
Fax 801 359 0388

CT CORPORATION

Sincerely, **Ms. Deanette Widmer**
Special Assistant
Secretary

Utah CT Representative 2
C T Corporation System (Utah)

50 West Broadway, 8th Floor
Salt Lake City, UT 84101
Tel. 801 364 5101
Fax 801 359 0388



State of Utah DEPARTMENT OF COMMERCE Division of Corporations & Commercial Code

File Number: Check Here If: Non-Refundable Fee: [] Profit \$50.00 [] Nonprofit \$20.00

\$125.00 EXPEDITE

Application for Authority to Conduct Affairs for a Foreign Corporation

RECEIVED JAN 07 2003

Utah Div. Of Corp. & Comm. Code

Noble Energy, Inc. Exact Corporate Name

- 1. A corporation of the state of Delaware, incorporated 29 day of December 1969 (year)
2. The corporations period of duration is perpetual (usually perpetual).
3. The address of the corporation's principal office is: 350 Glenborough Drive, Suite 100 Houston Texas 77067
4. The Registered Agent in Utah is: C T Corporation System Bank One Tower, 8th Floor 50 West Broadway Salt Lake City, Utah 84101
5. The business purposes to be pursued in Utah are: Oil and Gas Company
6. The corporation commenced or intends to commence business in Utah on: December 31, 2002
7. The names and addresses of the corporation's officers and directors are: President See Attached
8. A certification of Good Standing/Existence from the State of Incorporation dated no earlier than ninety (90) days prior to filing with this office is attached to this application.
9. If the name is not available in Utah the corporation shall use (Please refer to (U.C.A. 16-10a-1506).)

Under penalties of perjury, I declare that this application for Certificate of Authority has been examined by me and is, to the best of my knowledge and belief, true, correct and complete.

BY: [Signature] TITLE: Senior VP and Secretary DATE: 12/23/02

FREE! You may visit our Web Site to access this document and other information.

Mail In: S.M. Box 146705 Salt Lake City, UT 84114-6705
Walk In: 160 East 300 South, Main Floor
Corporation's Information Center: (801) 530-4849
Toll Free Number: (877) 526-3994 (Utah Residents)
Fax: (801) 530-6438
Web Site: http://www.commerce.utah.gov

Date: 01/07/2003
Receipt Number: 782634
Amount Paid: \$150.00

Form 1001 (Utah Corp) Consult
Revised: 02-23-01 mo

01-07-03P02:32 RCVD

**ATTACHMENT TO APPLICATION FOR AUTHORITY TO CONDUCT
AFFAIRS FOR A FOREIGN CORPORATION IN UTAH FOR
NOBLE ENERGY, INC.**

7. The names and addresses of the corporation's officers and directors are:

Name	Office/Title	Mailing Address
Michael A. Cawley	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Edward F. Cox	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
James C. Day	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Dale P. Jones	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Bruce A. Smith	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirby L. Hedrick	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Chairman of the Board, President and CEO	350 Glenborough Drive, Suite 100 Houston, TX 77067
Susan M. Cunningham	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Albert D. Hoppe	Senior VP and Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
James L. McElvany	Senior VP, CFO and Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067
William A. Poillion, Jr.	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Robert K. Burlison	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067

060132 003224 HOUSTON 239703.1

P. 14 NO. 453

THOMPSON & KNIGHT

JAN. 7. 2003 11:10AM

Name	Office/Title	Mailing Address
Alan R. Bullington	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Richard A. Peneguy, Jr.	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Ted A. Price	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
David L. Stover	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kenneth P. Wiley	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Arnold J. Johnson	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirk A. Moore	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
William R. McKown	Assistant Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067

060192 003224 HOUSTON 239703.1

SI P 55 ON NO 453

JAN 7 2003 11:10AM THOMPSON & KNIGHT

Delaware

PAGE 1

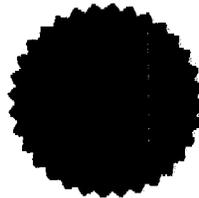
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "NOBLE ENERGY, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SIXTH DAY OF JANUARY, A.D. 2003.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "NOBLE ENERGY, INC." WAS INCORPORATED ON THE TWENTY-NINTH DAY OF DECEMBER, A.D. 1969.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0738126 8300

030006092

AUTHENTICATION: 2186055

DATE: 01-06-03

<p align="center">STATE OF UTAH DEPARTMENT OF COMMERCE REGISTRATION</p> <p align="center">NOBLE ENERGY, INC.</p> <p>EFFECTIVE 01/07/2003</p> <p>EXPIRATION *RENEWAL</p>	<p align="center">REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)</p> <p align="center">Corporation - Foreign - Profit 5250317-0143</p>
---	---

CT CORPORATION SYSTEM
NOBLE ENERGY, INC.
50 W BROADWAY 8TH FL
SLC UT 84101-2006

**STATE OF UTAH
DEPARTMENT OF COMMERCE
DIVISION OF CORPORATIONS & COMMERCIAL CODE
REGISTRATION**

EFFECTIVE DATE: 01/07/2003
EXPIRATION DATE: *RENEWAL
ISSUED TO: NOBLE ENERGY, INC.



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

5250317-0143 Corporation - Foreign - Profit

*RENEWAL

You will need to renew your registration each anniversary date of the effective date.
Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.



United States Department of the Interior

Bureau of Land Management

New Mexico State Office

1474 Rodeo Road

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

www.nm.blm.gov

January 14, 2003

IN REPLY REFER TO:

3104 (NM930MSena)

NM 0484

DECISION

Principal:	:	
Noble Energy, Inc.	:	BLM Bond No.: NM 0484
350 Glenborough Dr., #100	:	
Houston, TX 77067-3299	:	Surety Bond No.: 4149383
	:	
	:	Bond Type: Oil and Gas
Surety:	:	
Safeco Insurance Company	:	Amount of Bond: \$150,000.00
of America	:	
Safeco Plaza	:	Execution Date: October 7, 1980
Seattle, WA 98185	:	

Merger Recognized Rider Accepted

On January 10, 2003, this office received evidence concerning the merger of Samedan Oil Corporation, a Delaware corporation, into **Noble Energy, Inc.**, a Delaware corporation, effective December 20, 2002,, the date the Secretary of State of the State of Delaware certified the merger.

A bond rider consents to change the principal from Samedan Oil Corporation to Noble Energy, Inc. It is accepted effective January 10, 2003, the date received.

Attached is a listing of leases obtained from our automated system. We have not abstracted the files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining neither record title nor operating rights interests. If our field offices require documentation for a change of operator, they will contact you.

BM bond number NM2585, issued by Safeco Insurance Company of America, number 5779477, is released.

BLM bond number NM2697 issued by Safeco Insurance Company of America, number 5895053, is released.

BLM bond number NM1483 issued by American Employers Insurance Company, unnumbered, is released.

The Bureau of Land Management has no record of bond number 5895055, 5779460 or 2063849. Therefore, we are unable to release these bonds.

Margo C. Sena
Land Law Examiner

Cc: American Employers Insurance Co.
All BLM State Offices
MMS – Data Management Div. MS 3113
P. O. Box 5860
Denver, Co 80217

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: NOBLE ENERGY, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 12600 Northborough CITY Houston STATE TX ZIP 77067		7. UNIT or CA AGREEMENT NAME: SEE ATTACHED
PHONE NUMBER: 281-876-6150		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
		COUNTY: San Juan
		STATE: UTAH

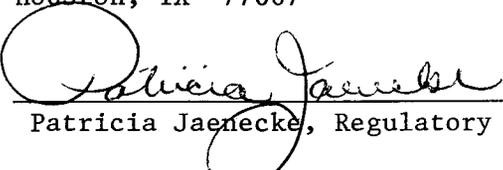
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

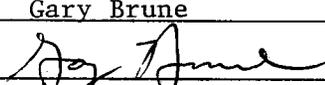
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR CHANGE EFFECTIVE JANUARY 1, 2003

FROM: SAMEDAN OIL CORPORATION
12600 Northborough, #250
Houston, TX 77067


Patricia Jaenecke, Regulatory Clerk II

RECEIVED
FEB 14 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Gary Brune	TITLE Asset Team Leader
SIGNATURE 	DATE 12/16/02

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
(UT-924)

March 20, 2003

Memorandum

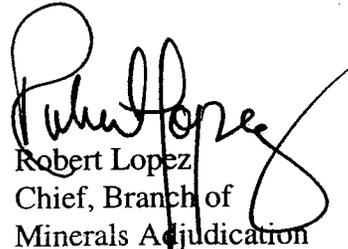
To: Moab Field Office

From: Chief, Branch of Minerals Adjudication

Subject: Merger Change Approval

Attached is an approved copy of the merger change, which is recognized by the Utah State Office. We have updated our records to reflect:

The merger change from Samedan Oil Corporation into Noble Energy Inc. is effective January 10, 2003. The BLM Bond Number is NM0484.


Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure

1. New Mexico State Office Letter (3 pp)
2. List of leases (1 p)

cc: MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

Bureau of Land Management
New Mexico State Office
1474 Rodeo Road
P.O. Box 27115
Santa Fe, New Mexico 87502-0115
www.nm.blm.gov
January 14, 2003

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:
3104 (NM930MSena)
NM 0484
NMLC 0 45701

DECISION

Principal:
Noble Energy, Inc.
350 Glenborough Dr., #100
Houston, TX 77067-3299

:
: BLM Bond No.: NM 0484
:
: Surety Bond No.: 4149383
:
: Bond Type: Oil and Gas
:
: Amount of Bond: \$150,000.00
:
: Execution Date: October 7, 1980
:

Surety:
Safeco Insurance Company
of America
Safeco Plaza
Seattle, WA 98185

Merger Recognized Rider Accepted

On January 10, 2003, this office received evidence concerning the merger of Samedan Oil Corporation, a Delaware corporation, into Noble Energy, Inc., a Delaware corporation, effective December 20, 2002, the date the Secretary of State of the State of Delaware certified the merger.

A bond rider consents to change the principal from Samedan Oil Corporation to Noble Energy, Inc. It is accepted effective January 10, 2003, the date received.

Attached is a listing of leases obtained from our automated system. We have not abstracted the files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining neither record title nor operating rights interests. If our field offices require documentation for a change of operator, they will contact you.

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

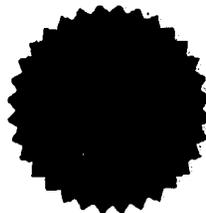
"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0738126 8100M

020798832

AUTHENTICATION: 2171147

DATE: 12-26-02

5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/20/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/28/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NM 0484

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
SEE ATTACHED

8. WELL NAME and NUMBER:
SEE ATTACHED

9. API NUMBER:
ATTACHED

10. FIELD AND POOL, OR WILDCAT:
SEE ATTACHED

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
D. J. Simmons, Inc. *N2520*

3. ADDRESS OF OPERATOR:
1009 Ridgeway Pl. Ste. 200 Farmington, NM 87401
PHONE NUMBER: 505-326-3753

4. LOCATION OF WELL
FOOTAGES AT SURFACE: SEE ATTACHED LIST COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

EFFECTIVE DATE OF TRANSFER: *8/1/03*

FROM: *N2345* NOBLE ENERGY, INC.
12600 Northborough, Suite 250
Houston, TX 77067
(281) 872-3100

TO: D. J. Simmons, Inc.
1009 Ridgeway Pl. Ste. 200
Farmington, NM 87401

NAME (PLEASE PRINT) Gary C. Goldsmith TITLE Attorney In Fact

SIGNATURE *Gary Goldsmith* DATE 7/14/03

(This space for State use only)

RECEIVED

AUG 14 2003 1850-59

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: NOBLE ENERGY, INC. (Former Operator) N2345		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 12600 Northborough CITY Houston STATE TX ZIP 77067		7. UNIT or CA AGREEMENT NAME: SEE ATTACHED
PHONE NUMBER: (281) 876-6150		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST		9. API NUMBER: ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
		COUNTY: SAN JUAN
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

EFFECTIVE DATE OF TRANSFER: 8/1/03

FROM: NOBLE ENERGY, INC.
12600 Northborough, Suite 250
Houston, TX 77067
(281) 872-3100

TO: D. J. Simmons, Inc.
1009 Ridgeway Pl. Ste. 200
Farmington, NM 87401

RECEIVED

AUG 14 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Gary Brune	TITLE Asset Team Leader
SIGNATURE	DATE 6/13/03

(This space for State use only)

185c-59

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>LOCATION</u>	<u>WELL TYPE</u>	<u>STATUS</u>	<u>LEASE TYPE</u>
MUSTANG UNIT 26-33	4303731086	36S 23E 26	OW	S	F
MUSTANG U 1	4303730776	36S 23E 27	GW	P	F
MUSTANG UNIT 3	4303730894	36S 23E 26	GW	P	F
MUSTANG UNIT 22-34	4303730943	36S 23E 22	OW	P	F
MUSTANG UNIT 26-23	4303731024	36S 23E 26	OW	P	F
MUSTANG UNIT 27-32	4303731025	36S 23E 27	OW	P	F
MUSTANG UNIT 27-21	4303731030	36S 23E 27	OW	P	F
MUSTANG UNIT 27-42	4303731325	36S 23E 27	OW	P	F
WILD STALLION UNIT 1	4303731426	36S 23E 33	GW	P	F
MUSTANG U 1	4303730776	36S 23E 27	GW	S	F
BONITO 41-6-85	4303731824	38S 25E 06	OW	P	F

ROUTING

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **8/1/2003**

FROM: (Old Operator): N2345 - Noble Energy, Inc. 12600 Northborough Houston, TX 77067 Phone: 1-(281) 876-6150	TO: (New Operator): N2520-D. J. Simmons, Inc. 1009 Ridgeway Pl. Ste. 200 Farmington, NM 87401 Phone: 1-(505) 326-3752
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CA No. **Unit:** *** See BELOW***

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MUSTANG UNIT								
MUSTANG U 1	27	360S	230E	4303730776	12112	Federal	GW	P
MUSTANG UNIT 27-21	27	360S	230E	4303731030	10774	Federal	OW	P
MUSTANG UNIT 26-23	26	360S	230E	4303731024	10774	Federal	OW	P
MUSTANG UNIT 26-33	26	360S	230E	4303731086	6505	Federal	OW	S
MUSTANG UNIT 27-42	27	360S	230E	4303731325	10774	Federal	OW	P
MUSTANG UNIT 27-32	27	360S	230E	4303731025	10774	Federal	OW	S
MUSTANG UNIT 3	26	360S	230E	4303730894	10774	Federal	GW	P
MUSTANG UNIT 22-34	22	360S	230E	4303730943	10774	Federal	OW	P

WILD STALLION UNIT

WILD STALLION UNIT 1	33	360S	230E	4303731426	10888	Federal	GW	P
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BONITO 41-6-85	06	380S	250E	4303731824	13517	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/30/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1231074-0143

5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: ****

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM applied for BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: applied for

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/31/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/31/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000048

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

August 19, 2004

DJ Simmons, Inc.
1009 Ridgeway Place, Suite 200
Farmington, New Mexico 87401

*43-037-30776 Mustang 1
T 36 S R 23 E Sec 27*

Re: Mustang Unit
San Juan County, Utah

Gentlemen:

On August 18, 2004, we received an indenture dated December 19, 2003, whereby Noble Energy, Inc. resigned as Unit Operator and DJ Simmons, Inc. was designated as Successor Unit Operator for the Mustang Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 19, 2004. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Mustang Unit Agreement.

Your Utah statewide oil and gas bond No. UTB000048 will be used to cover all operations within the Mustang Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Dockets
File - Mustang Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
Central Files

UT922:TAThompson:tt:8/19/04

RECEIVED

AUG 20 2004

DIV. OF OIL, GAS & MINING