

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

(Other instructions on reverse side)

8

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No. State MJ 43023

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name State of Utah 'S'

9. Well No. #1

10. Field and Pool, or Wildcat Lightning Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T14S-R8E

12. County or Parrish Carbon Utah

13. State

14. Distance in miles and direction from nearest town or post office* 18.3 miles to Price, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1120' FEL

16. No. of acres in lease 1920.00

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. ± 2 miles

19. Proposed depth 4100' *Turuck*

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 7346' Graded

22. Approx. date work will start* Upon Approval

RECEIVED
JUN 30 1988

DIVISION OF
OIL, GAS & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
20"	16"	Conductor	60'	Redi-mix to surface
12 1/4"	9 5/8"	36#	1000'	Cement to surface
8 3/4"	5 1/2"	15.5#	4100'	Cement to 500' above the upper most prospective pay.

SEE ATTACHED DRILLING PROGRAM

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 Alan A. Kleier Title AREA MANAGER Date June 6, 1988

(This space for Federal or State office use)

Permit No. 43-007-30118 Approval Date

Approved by _____ Title _____

Conditions of approval, if any:
UOGCC (3) - AAK

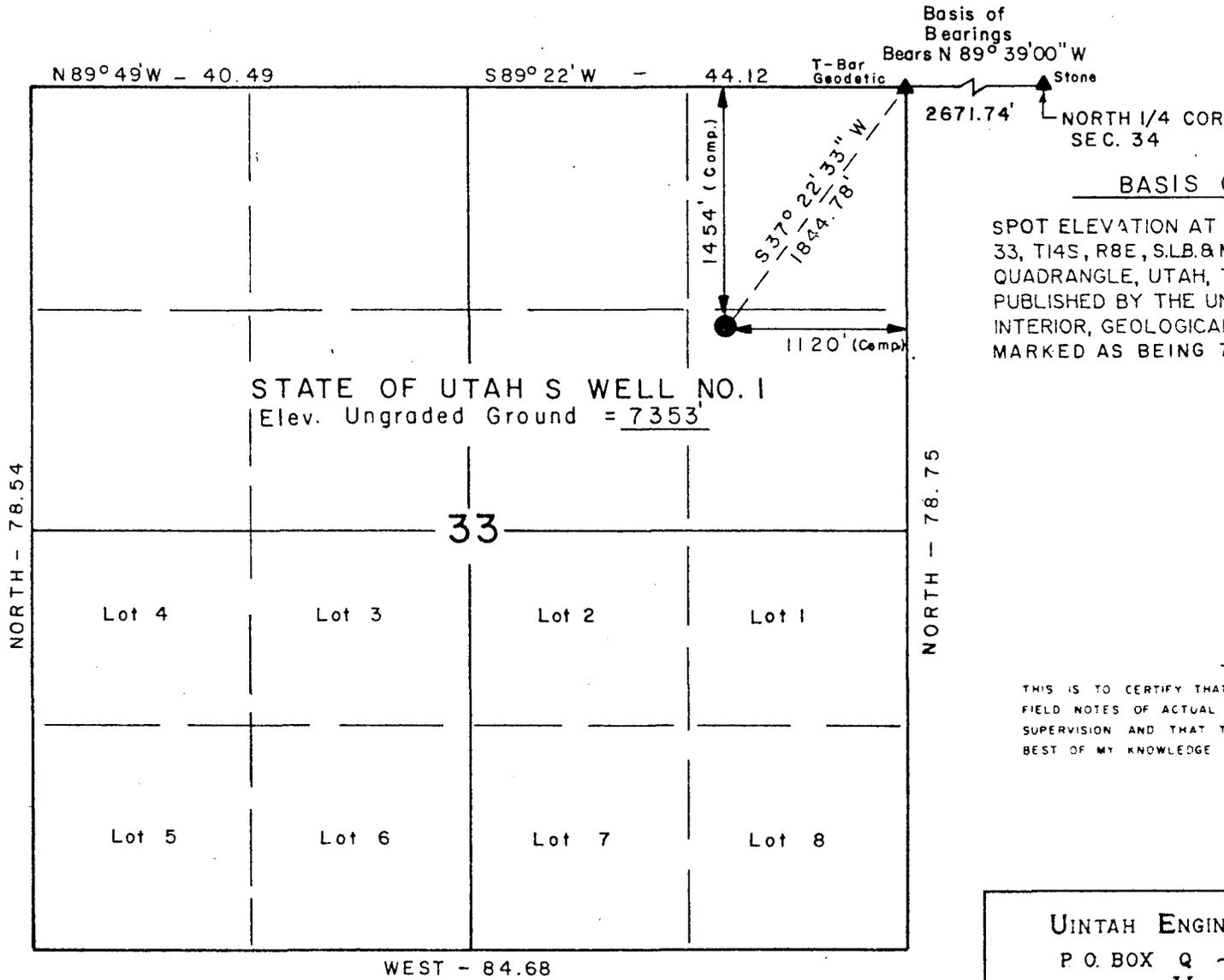
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS & MINING

DATE 6-4-88
BY John R. Bay
WELL SPACING: RL15-3-3

T14S, R8E, S.L.B. & M.

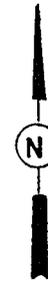
PROJECT
TEXACO, INCORPORATED

Well Location, STATE OF UTAH S WELL NO. 1,
 Located as Shown in the SE1/4 NE1/4 Section 33,
 T14S, R8E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NE1/4 CORNER OF SECTION 33, T14S, R8E, S.L.B.&M. TAKEN FROM THE WATTIS QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP PUBLISHED BY THE UNITED STATES DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7184 FEET



CERTIFICATE

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

Robert J. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 5/27/88
PARTY LDT KW JAK	REFERENCES G.L.O.
WEATHER WARM	FILE TEXACO

▲ = Section Corners Located

TEXACO INC.
State of Utah 'S' NO. 1
1454' FNL and 1120' FEL
Sec. 33, T14S-R8E
Carbon County, Utah

Location staked and inspected on May 27, 1988 by Mr. Mark Kramer (Texaco) and Uintah Engineering and Land Surveying. Archaeological survey performed on May 28, 1988 by Grand River Consultants.

Drilling Program:

<u>Formation</u>	<u>Depth</u>	<u>Subsea Depth</u>	<u>Hydrocarbon Potential</u>
Mancos	Surface	(+7346)	Potential Fresh Water
Ferron	3670	(+4130)	Gas
Tunuck	4070	(+3745)	
Total Depth	4100	(+3685)	

Casing Program:

16" Conductor set at 60'. Redi-mix to surface.
9 5/8" casing at 1000'. Cement to surface.
5 1/2" production casing at 4100'.
Cement to 500' above the uppermost prospective pay.

Mud Program:

0-1000' Fresh water with gel slugs to clean hole.
1000'-4100' Air drilling.

Blooiie line will be misted to reduce fugative dust when air drilling.

Pressure Control:

BOP system will be a 3000 PSI working pressure annular preventor. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented into place. Blowout preventor controls will be installed prior to drilling the 9 5/8" surface hole, and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated daily to ensure good mechanical working order and this inspection recorded on the daily drilling report. Preventors will be pressure tested before drilling casing cement plugs.

TEXACO INC.
State of Utah 'S' NO 1
1454' FNL and 1120' FEL
Sec. 33, T14S-R8E
Carbon County Utah

Coring, Logging and Testing:

Coring - None anticipated.
Testing - None anticipated
Mud Logger - 1000' to Total Depth (4100').
Open Hole Logging - 1000' to Total Depth (4100').

Drilling Hazards:

No abnormal pressures, hazards or drilling conditions are anticipated. Maximum BHP anticipated is 1500 PSI. Please note that the Texaco Stella-Hamaker #1 (located approx. 2 miles SE of the proposed well) encountered a fresh water flow at \pm 1000'.

Reporting:

Spudding - Texaco will report the spudding of the well within 24 hours of the commencement of operations.

Running Casing - Texaco will report the running of casing strings 24 hours in advance to enable on site inspection.

Plugging and Abandonment - Verbal approval will be obtained 24 hours in advance and followed up by a written Sundry Notice.

Thirteen Point Plan

1. Existing Road
 - a) The well is located 18.3 miles west of Price, Utah.
 - b) The existing Pinnacle Peak Road will be used to within approximately 1.0 miles of location, (see attached map).
2. Planned Access Road
Road will exit Pinnacle Peak Road in Sec. 27, T14S-R8E (see attached map). Road will be 24' wide with 16' driving surface.
3. Location of Existing Wells
The only known well is Texaco's Stella-Hamaker #1, which is located approx. 2 miles southeast.
4. Location of Tank Batteries and Production Facilities
All permanent above ground facilities will be located on the well site pad and be surrounded by a dike capable of containing any leaks or spills.

TEXACO INC.
State of Utah 'S' NO 1
1454' FNL and 1120' FEL
Sec. 33, T14S-R8E
Carbon County, Utah

5. Location and Type of Water Supply
All water needed for drilling purposes will be obtained from the Price River Water Improvement District.
6. Source of Construction Material
Pad construction material will be obtained from native soil on the location.
7. Methods of Handling Waste Disposal
The reserve pit will be excavated deep enough so that its contents are not within three (3) feet of surface. Pit will be lined if required. Pit will be fenced on three sides while drilling and fencing completed upon location.

All trash will be contained in an approved container and disposed of in an approved disposal site.
8. Ancillary Facilities
Camp facilities will not be required. There will be 2-3 portable trailers on location to house both Texaco drilling and geology personnel and the contract toolpusher.
9. Well Site Layout
See attached diagram showing the proposed location layout.
10. Reclamation
Immediately upon completion of drilling and testing, the location and surrounding area will be cleared of any debris.
11. Surface and Mineral Ownership
The surface and minerals is owned by:
State of Utah
Grazing Lease No. 22383
Gail Jorgens
P.O. Box 522
Castledale, Utah 84513
12. Other Information
 - a) A blooie pit will be constructed on the drilling pad only if necessary.
 - b) A Pre-construction onsite will be held with a State Representative to discuss construction and road maintenance.
 - c) Archaeological Survey results are attached.

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

(Other instructions on reverse side)

5. Lease Designation and Serial No.

State M 43023

6. If Indian, Allottee or Tribe Name

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

2. Name of Operator

Texaco Inc. (303) 565-8401

3. Address of Operator

P. O. Box EE, Cortez, CO. 81321

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

1454' FNL and 1120' FEL Sec. 33

At proposed prod. zone

Ferron (Same as surface location)

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

18.3 miles to Price, Utah

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

1120' FEL

16. No. of acres in lease

1920.00

17. No. of acres assigned to this well

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

± 2 miles

19. Proposed depth

4100' *Tunnel*

20. Rotary or cable tools

Rotary

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

7346' Graded

22. Approx. date work will start*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

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24. Signed *Alan A. Kleier*

Title AREA MANAGER

Date June 6, 1988

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

UOGCC (3) - AAK

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas & Mining

OPERATOR: Texaco WELL NAME: State of Utah #1 S #1
QTR/QTR: NE SECTION: 33 TWP: 14S RANGE: 8E
COUNTY: Carbon FIELD: Lightning 1454 FN L 1120 FEL
SFC OWNER: State Of Utah LEASE #: _____
SPACING: 460' F SECTION LINE 460' F QTR/QTR LINE 920' F ANOTHER WELL
INSPECTOR: Brad Hill DATE & TIME: 5/24/88 10:30 am
PARTICIPANTS: Mark Krammer (Texaco), Robert K. Alexander (Archaeologist-Grand River
Consultants Inc.)

REGIONAL SETTING/TOPOGRAPHY: Eastern Wasatch Plateau/NE trending ridges and valleys,
NW-SE trending cliffs to the SW.

LAND USE

CURRENT SURFACE USE: Wildlife grazing. Possible occasional domestic grazing.

PROPOSED SURFACE DISTURBANCE: Irregular shaped pad approx. 155'x325' with 50'x75'
extension for pit. Upgrade approx .9 miles of jeep trail.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Pinyon, Juniper, Service Berry, Birchleaf Mountain-mahogany, Yucca,
grass, Sage, assorted wildflowers and weeds./Deer, Elk, Rabbits.

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: rocky-sandy colluvium

SURFACE FORMATION & CHARACTERISTICS: Quaternary colluvium on Mancos Shale

EROSION/SEDIMENTATION/STABILITY: Soil is quite rocky and would be stable
except under extreme conditions.

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S): Ferron Sandstone (3670')

ABNORMAL PRESSURES - HIGH AND LOW: None

CULTURAL RESOURCES/ARCHAEOLOGY: Survey done by Grand River Consultants-no cultural
resources found.

WATER RESOURCES: No water in the flanking drainages, they appear to be subject to only
seasonal runoff.

RESERVE PIT

CHARACTERISTICS: 75'x50'x9'

LINING: Pit may need to be lined. Will check prior to introduction of fluids.

MUD PROGRAM: 0-1000' fresh water w/ gel slugs; 1000-4100' Air drilling.

DRILLING WATER SUPPLY: Water to be hauled in from the Price Water Improvement District.

OTHER OBSERVATIONS: The pit should probably be lined but I told them we would examine the
pit after the pit was dug and before any fluid was put in
The surface is quite rocky but it is possible that the pit may be in the Mancos
shale depending on the cut and fill.

STIPULATIONS FOR APD APPROVAL: Check pit prior to introduction of fluids.

ATTACHMENTS

Location sketch.

TEXACO INC.
State of Utah 'S' NO 1
1454' FNL and 1120' FEL
Sec. 33, T14S-R8E
Carbon County, Utah

13. Representation and Certification
For questions concerning this APD, Please contact:

Alan A. Kleier
Area Manager
TEXACO INC.
P.O. Box EE
Cortez, CO 81321
(303) 565-8401

Henry R. Swartzlander
Area Engineer
TEXACO INC.
P.O. Box EE
Cortez, CO 81321
(303) 565-8401

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 currently 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 Texaco Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Alan A. Kleier

Alan A. Kleier
AREA MANAGER

June 7, 1988

DATE

ARCHAEOLOGICAL SURVEY
of
TEXACO'S WELL LOCATION
STATE OF UTAH S #1,
CARBON COUNTY, UTAH

GRC Report 88001

by

Robert K. Alexander, Ph.D.

GRAND RIVER CONSULTANTS, Inc.
522 Kansas Avenue
Grand Junction, CO 81503
(303) 241-0308

State Authorization No. U-88-GC-227s

May 28, 1988

Prepared for:
Texaco USA
P. O. Box EE
Cortez, CO 81321

Distribution:
BLM - Area Office, Price (1)
Utah State Historical Society, Antiquities Division (1)
Texaco (1)

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

Summary Report of
Inspection for Cultural Resources

Report Title T E X A C O | S T A T E | W E L L | S . | N O . | 1 | | | |
11 40

Development Company Texaco USA

Report Date 05 | 28 | 19 | 88
41 42 MONTH YEAR 46

4. Antiquities Permit No. (N/A)

Responsible Institution G r a n d | R i v e r | C n s County Carbon
47 61

Fieldwork Location: TWN 14 | S Range 8 | E Section(s) 33 | 34
62 65 66 69 70 71 72 73 74 75 76 77

TWN | | | Range | | | Section(s) | | | |
78 81 82 85 86 87 88 89 90 91 92 93

Resource Area | | | TWN | | | Range | | | Section(s) | | | |
110 111 94 97 98 101 102 103 104 105 106 107 108 109

PO= PONY EXPRESS, BR= BEAR RIVER, FR=PRICE RIVER, WS=WARM SPRINGS
BC= BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER,
HM= HENRY MOUNTAINS, BR= BEAVER RIVER, DX= DIXIE,
KA= KANAB, ES= ESCALANTE, SJ= SAN JUAN, GR= GRAND
SR= SAN RAFAEL, DM= DIAMOND MOUNTAIN,

FBI in spaces 65, 69, 81, 85, 97, 101 Only if
V=Vernal Meridian
H=Half Township

Description of Examination Procedures:

Walked a series of parallel transects about 15 meters apart over 400' x 400' well location including about a 75' buffer beyond corner flags. Access road is an existing jeep trail; walked zig-zag transects clearing 100' R/W centered on trail.

Linear Miles Surveyed and/or 0 | 5 | | | |
112 117

Definable Acres Surveyed and/or 1 | 3 | | | |
118 123

* Legally Undefinable Acres Surveyed | | | | |
(* A parcel hard to cadastrally locate i.e., center of section)

10. Inventory Type I
130

R= Reconnoissance
I= Intensive
S= Statistical Sample

7. Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: | | | | |
No sites = 0 131 136

No cultural resources found

13. Collection: N Y=Yes, N=No
136

4. Actual/Potential National Register Properties Affected:

none

5. Literature Search, Location/Date:

State file (telephone) 5/25/88

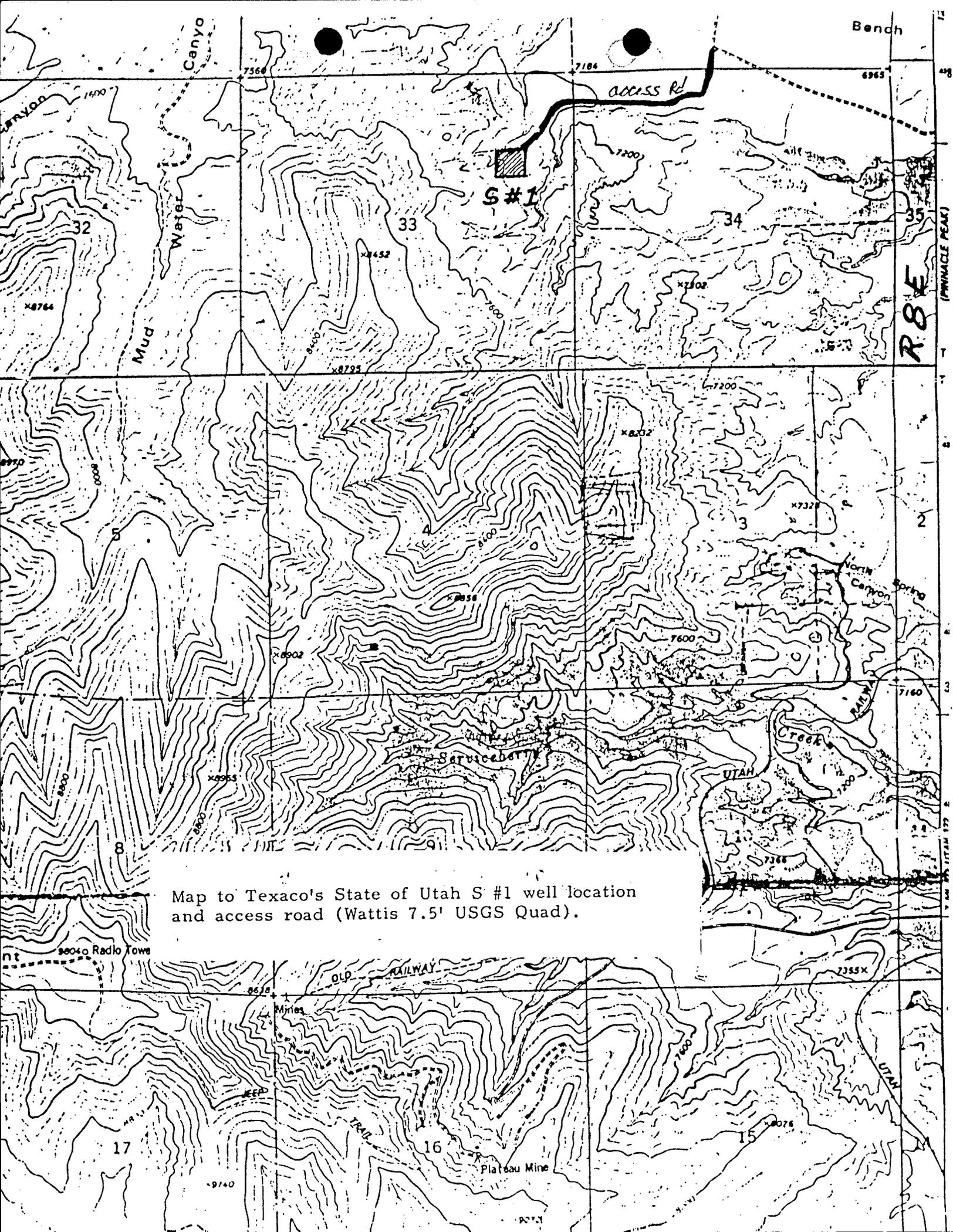
6. Conclusion/Recommendations:

Recommend clearance to procede.

7. Signature of Administrator & Field Supervisor: Administrator _____

Field Supervisor _____

*For extra locationals use additional 8100-3 forms.



Map to Texaco's State of Utah S #1 well location and access road (Wattis 7.5' USGS Quad).

TEXACO INC.
STATE OF UTAH

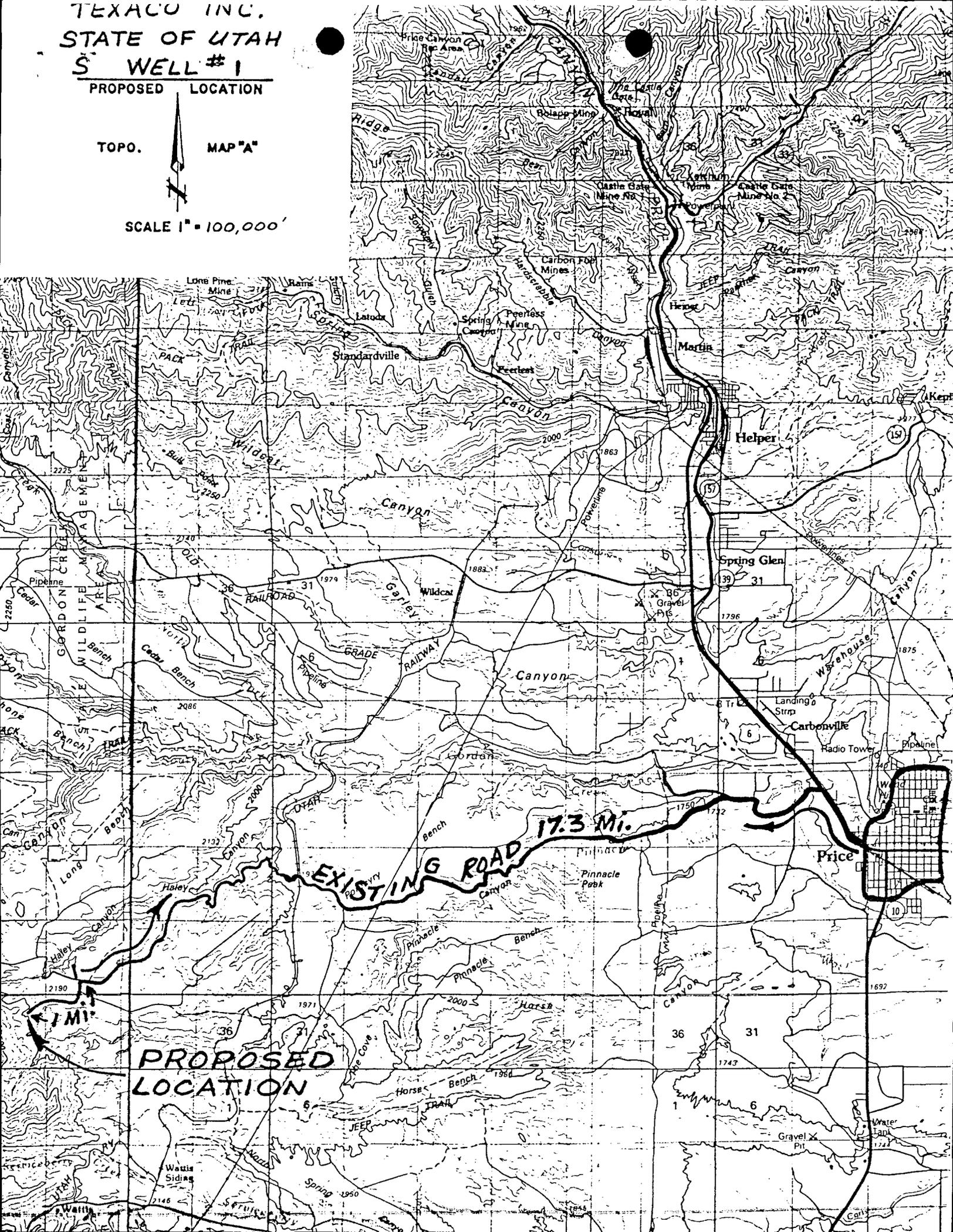
S WELL # 1

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 100,000'



STATE OF UTAH

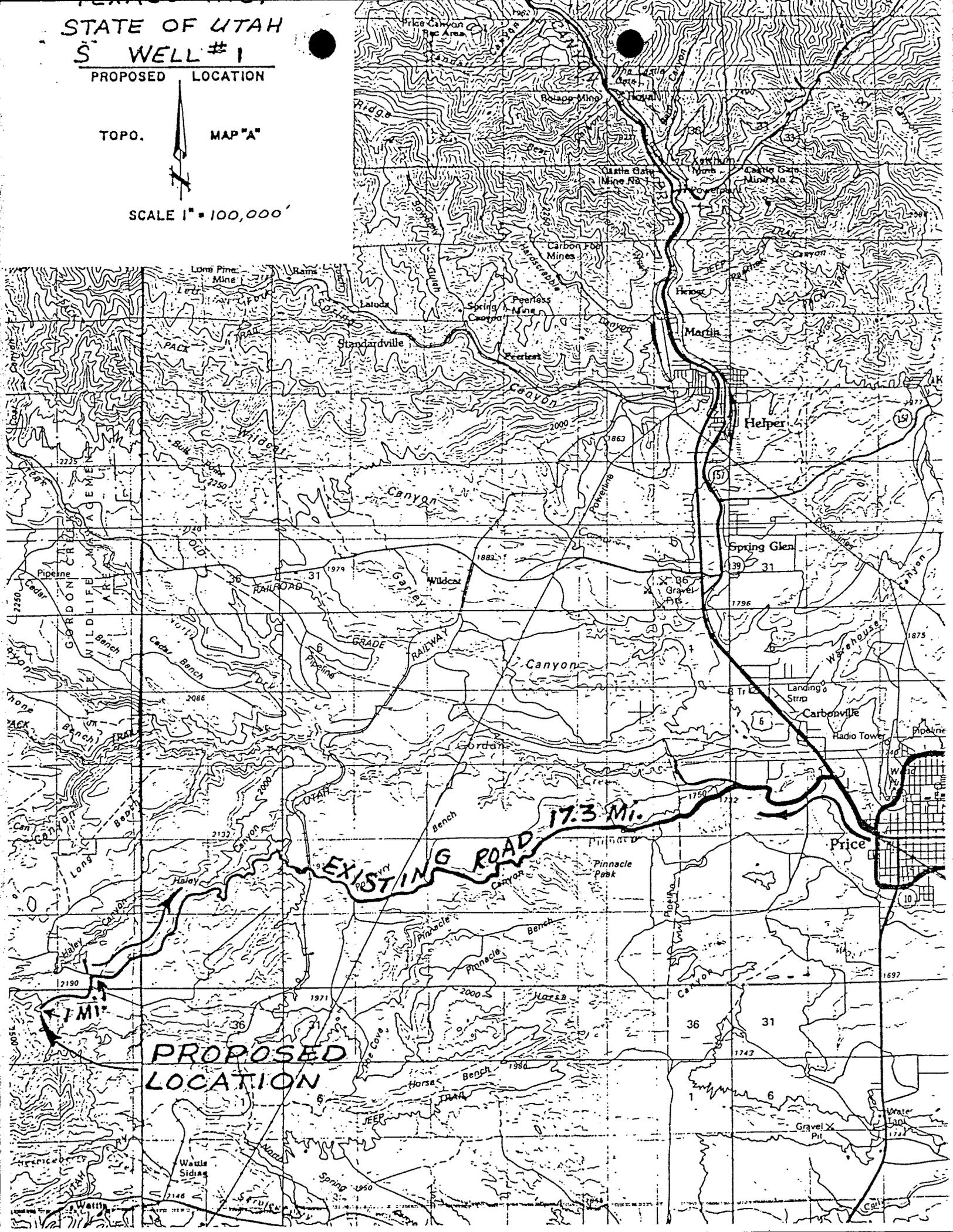
S WELL # 1

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 100,000'



STATE OF UTAH
S WELL #1

PROPOSED LOCATION

TOPO.

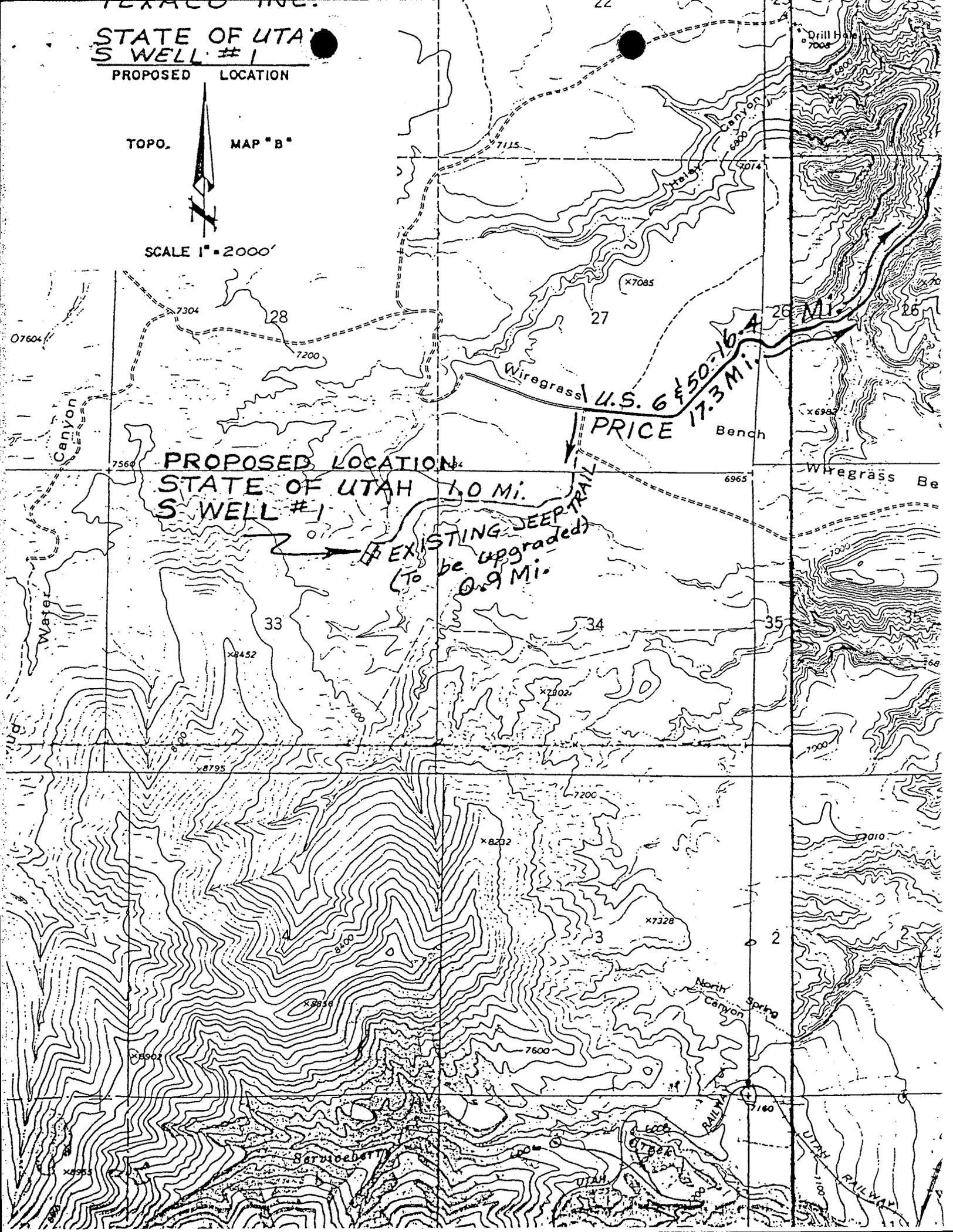
MAP "B"

SCALE 1" = 2000'

PROPOSED LOCATION
STATE OF UTAH 1.0 Mi.
S WELL #1

EXISTING DEEP TRAIL
(To be upgraded)
0.9 Mi.

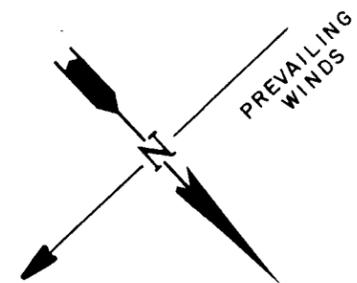
U.S. 6 150-16-A
PRICE 17.3 Mi.



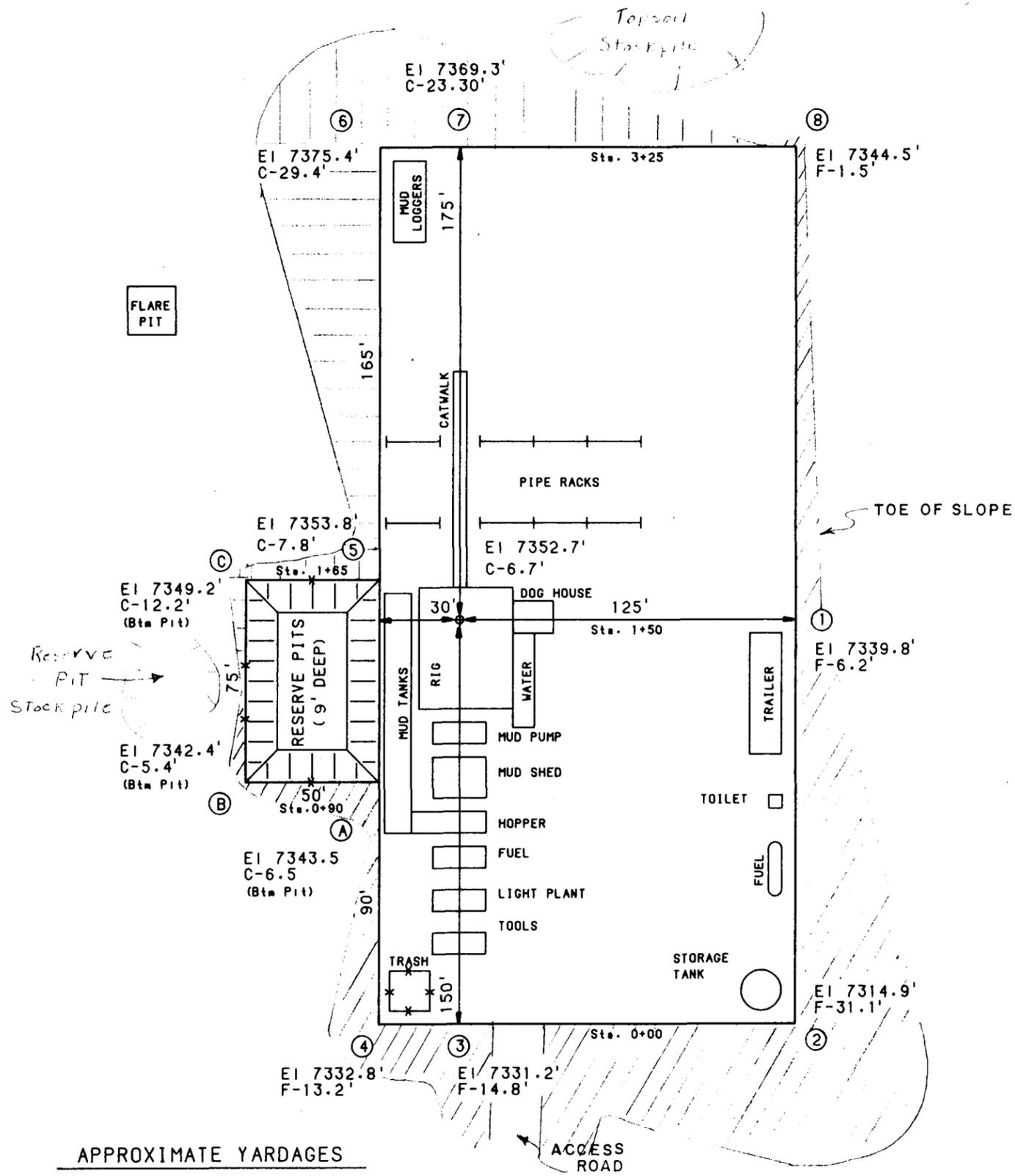
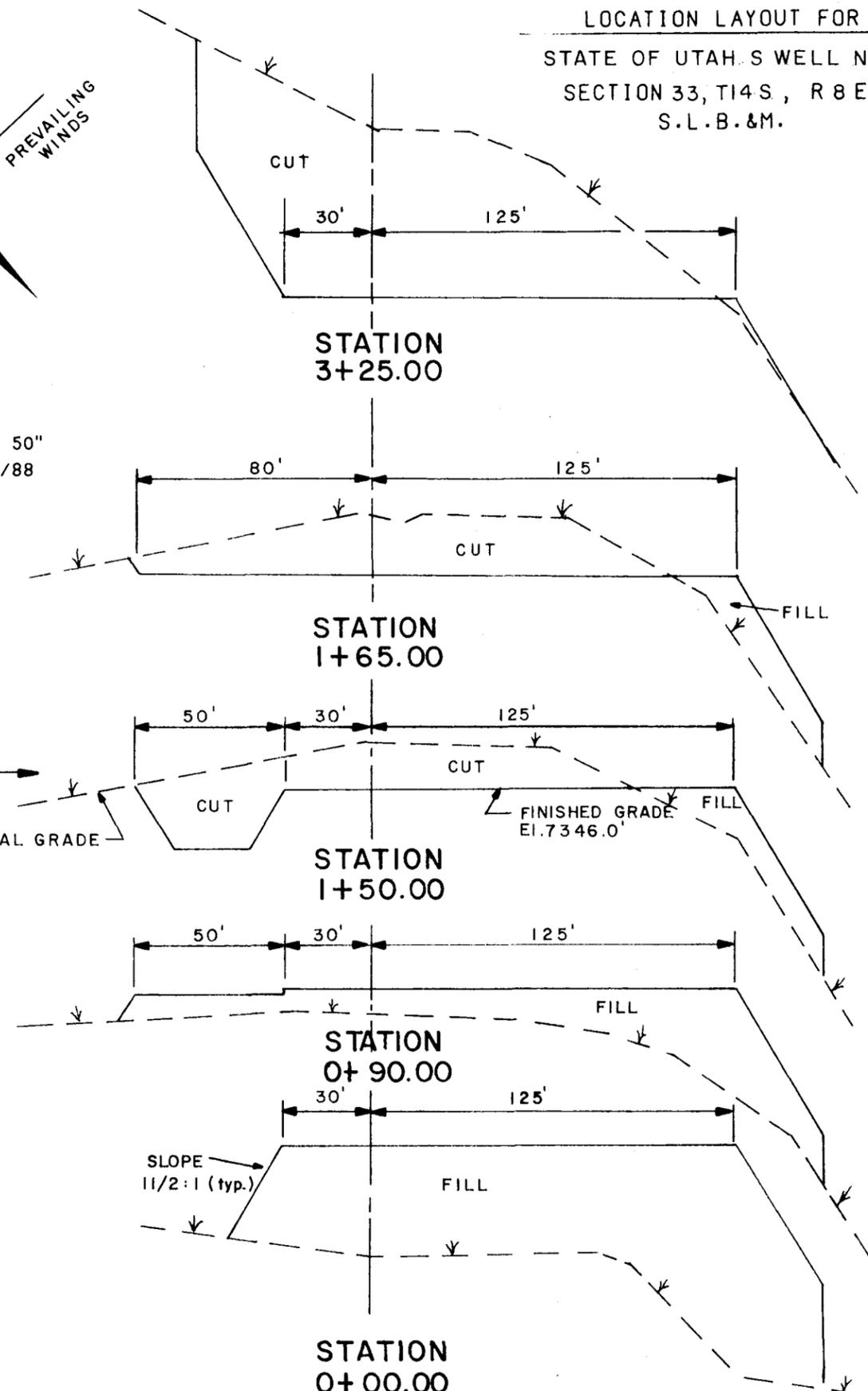
TEXACO, INCORPORATED

LOCATION LAYOUT FOR

STATE OF UTAH S WELL NO.1
SECTION 33, T14 S., R 8 E.
S.L.B.&M.



SCALE: 1" = 50"
DATE: 5/27/88



APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6) Topsoil Stripping	= 1,023 Cu. Yds.	20% COMPACTION	= 1,390 Cu. Yds.
Pit Volume (Below Grade)	= 709 Cu. Yds.	Topsoil & Pit Backfill	= 1,378 Cu. Yds.
Remaining Location	= 14,754 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 16,486 CU. YDS	EXCESS UNBALANCE	= 12 Cu. Yds.
FILL	= 12,077 CU. YDS	(After Rehabilitation)	

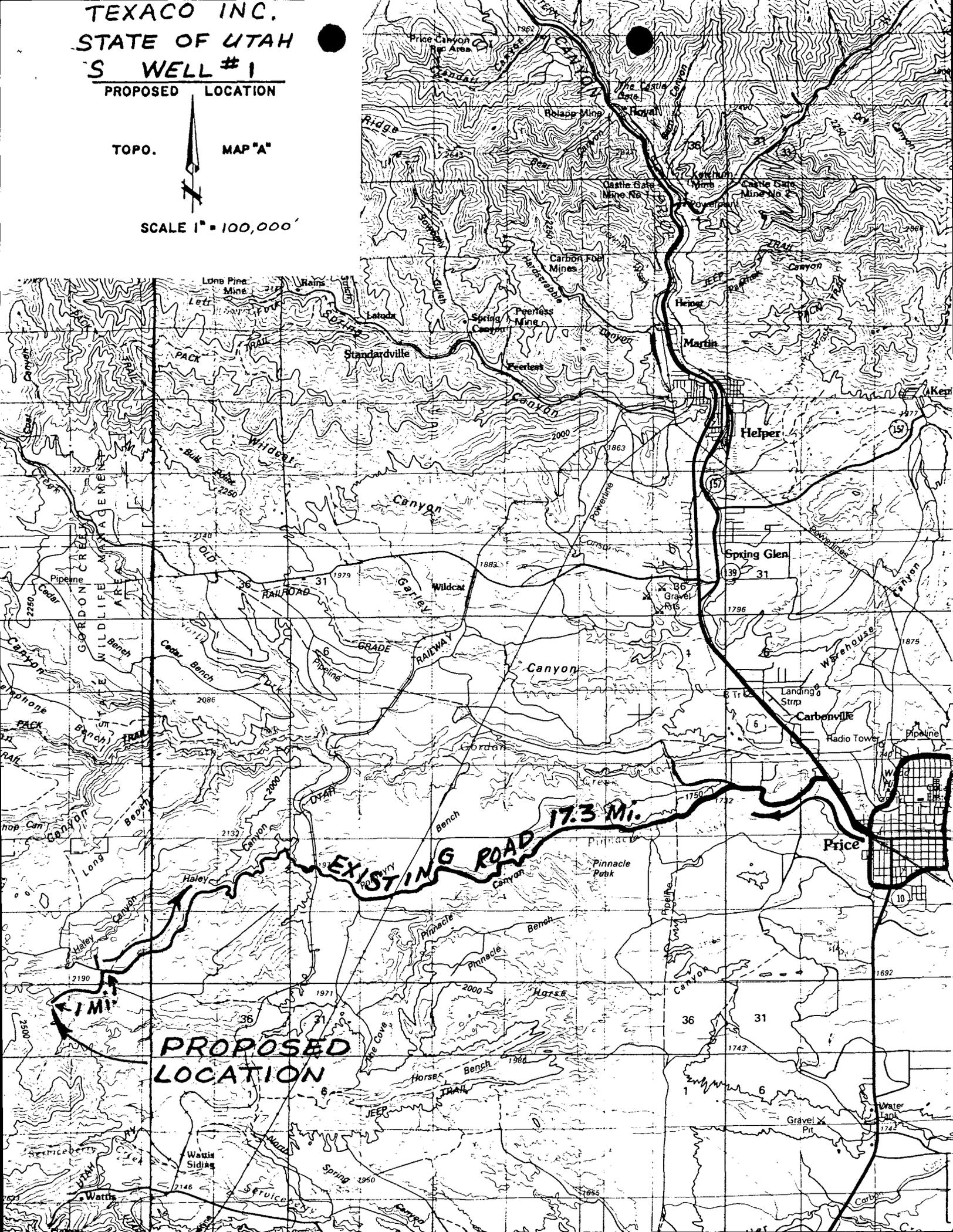
TEXACO INC.
STATE OF UTAH
S WELL # 1
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE 1" = 100,000'



PROPOSED
LOCATION

EXISTING ROAD 17.3 MI.



STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

-
1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
-
3. APPROXIMATE DATE PROJECT WILL START:
Upon approval
-
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah Association of Local Governments
-
5. TYPE OF ACTION: Lease Permit License Land Aquisition
 Land Sale Land Exchange Other _____
-
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
-
7. DESCRIPTION:
Texaco Inc. proposes to drill a wildcat well, the State of Utah 'S' #1, on state lease number ML-43023 in Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this case and must issue approval to drill before operations can commence.
-
8. LAND AFFECTED (site location map required) (indicate county)
SE/4, NE/4, Section 33, Township 14 South, Range 8 East, Carbon County, Utah
-
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown
-
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.
-
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
Jim Thompson, Salt Lake City, ph. 538-5340
-
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
John Baza
PHONE: 538-5340
- John R. Baza*
DATE: 7/08/88 Petroleum Engineer
-

TEXACO INC.

STATE OF UTAH
S WELL # 1

PROPOSED LOCATION

TOPO.

MAP "B"

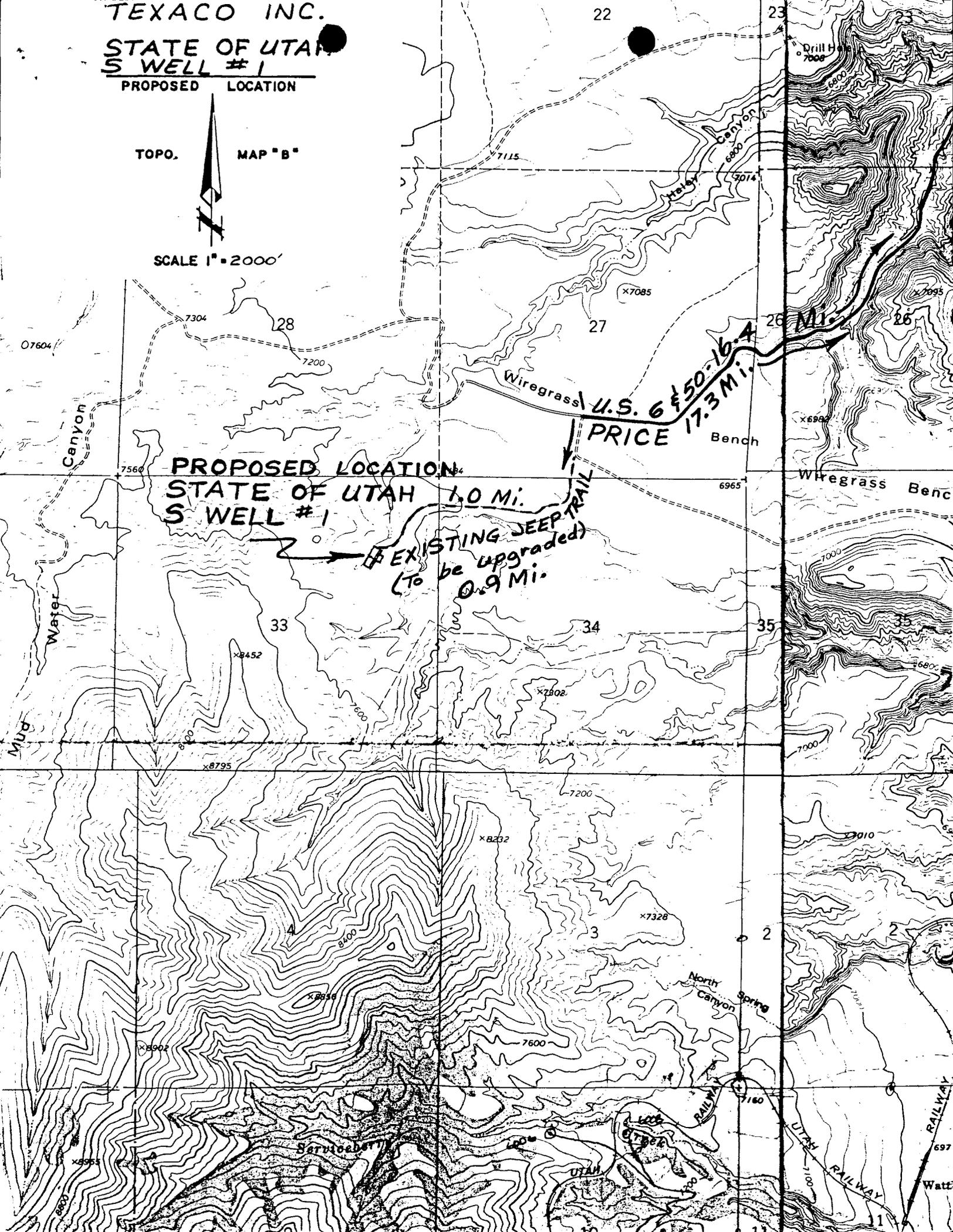
SCALE 1" = 2000'

PROPOSED LOCATION
STATE OF UTAH
S WELL # 1

1.0 Mi.

EXISTING JEEP TRAIL
(To be upgraded)
0.9 Mi.

U.S. 6 \$50-16.4
PRICE 17.3 Mi.



CONFIDENTIAL
PERIOD
EXPIRED
ON 10-29-89

OPERATOR Texaco Inc. DATE 6-30-88

WELL NAME State of Utah 'S' #1

SEC SENE 33 T 14S R 8E COUNTY Carbon

43-007-30118
API NUMBER

State
TYPE OF LEASE

CHECK OFF:

PLAT

st. Wide (Ed Bonner)
BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
Need water permit (ok Target Trucking / Price River Water Imp. District)
Need exception location request. (Received 7-11-88)
Presite done 5-24-88 by Brad Hill
RDCC - Process 7-22-88 * Copy of approval sent to wildlife resources 8-5-88.

APPROVAL LETTER:

SPACING: R615-2-3 _____ UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Water Permit
2. State history

3. Upon excavation of reserve pit and prior to introduction of fluid to pit, the operator shall contact the Division to allow inspection for determination of pit lining requirements.

4. Upon installation of BOP equipment, the operator shall ensure that kill lines and valves are properly installed. The operator shall notify the Division of Oil, Gas & Mining at the time of BOP installation to allow inspection.

0218T

TECHNICAL REVIEW

Engr. [Signature] 8-4-88
Geol. [Signature] 8-2-88
Surface BGH 5-24-88

CONFIDENTIAL
PERIOD
EXPIRED
ON 10-29-89

DATE 6-30-88

TO FILE: 8/23 88

3E COUNTY Carbon

MARK KRAMER (TEXACO)
CALLED TO REPORT THAT
THE RESERVE PIT HAD
BEEN CONSTRUCTED AND
WAS IN ROCKY SOIL.
TEXACO DECIDED, ON
THEIR OWN, TO LINE
THE RESERVE PIT

State
TYPE OF LEASE

f. Wide (Ed Bonner)

BOND

NEAREST WELL

FIELD

POTASH OR OIL SHALE

B. Hill

Trucking / Price River Water Imp. District)
st. (Received 7-11-88)
||
of approval sent to Wildlife Resources 8-5-88.

4. In consideration of the concerns of the Utah Division of Wildlife Resources (see copy of attached letter dated 7-26-88), the operator is requested to:

- a. ~~avoid~~ Avoid construction or surface disturbing activities from December 1 to April 15.
- b. Contact DWR regional staff in Price ~~and avoid~~ ~~area~~ prior to drilling ~~and~~ and avoid disturbance of key wildlife habitat areas.
- c. Utilize only the surface area needed for access and drilling, and reclaim all unnecessary surface area upon completion of the well.

R615-3-2

R615-3-3

ion of fluid to pit, the operator
r determination of pit lining

hall ensure that kill lines and
tify the Division of Oil, Gas &
ion.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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")

RECEIVED
JUL 11 1988

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR: TEXACO Inc. (303) 565-8401

3. ADDRESS OF OPERATOR: P. O. Box EE, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1454' FNL and 1120' FEL Sec. 33

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7346' GL

5. LEASE DESIGNATION AND SERIAL NO.
State

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
State of Utah 'S'

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Lightening Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 33, T14S, R8E

12. COUNTY OR PARISH _____ 13. STATE
Carbon 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 type="checkbox"/>	(Other) _____	

(Other) Location exception

(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.)*

The subject proposed new well has been staked and permitted to be drilled at 1454' FNL and 1120' FEL Sec. 33, T14S, R8E. This location is closer than the required 460' from exterior boundaries or quarter sections. Due to topographic considerations, the proposed well was staked at the above location. Texaco requests a drilling exception to drill the State of Utah 'S' #1 at the staked location. Your consideration of this matter is appreciated.

Texaco,
Owns the mineral rights to the North half of section 33.
As per St. Lands.
Lishe
7-25-88

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

SIGNED Alan A. Kleier TITLE Area Manager DATE July 8, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

D.H.

117880712-020
13 July 1988

RECEIVED

JUL 14 1988

Mark -

Have these folks filed
a water right for this well?

- Bill Schlotthauer

Bill Mark
Page 637-1303

John

I HAVE NOT SEEN ANY INFO ON THIS - COULD
YOU PURSUE THIS MATTER. MOST WILL PURCHASE
WATER FROM THE PRICE RIVER WATER IMPROVEMENT
DISTRICT OR PRICE CO. LET ME KNOW
Thanks Mark

WATER RIGHTS
PRICE

1. ADMIN:
OIL
355
3 T
Sal

D

988

RIGHTS
KEY

R NUMBER:
house)

BILL START:

4. AREAW

(to be sent out by agency in block ...
Southeastern Utah Association of Local Governments

5. TYPE OF ACTION: Lease Permit License Land Aquisition
 Land Sale Land Exchange Other _____

6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill

7. DESCRIPTION:
Texaco Inc. proposes to drill a wildcat well, the State of Utah 'S' #1, on
state lease number ML-43023 in Carbon County, Utah. This action is being
presented to RDCC for consideration of resource issues affecting state
interests. The Division of Oil, Gas and Mining is the primary
administrative agency in this case and must issue approval to drill before
operations can commence.

8. LAND AFFECTED (site location map required) (indicate county)
SE/4, NE/4, Section 33, Township 14 South, Range 8 East, Carbon County,
Utah

9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown

10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial
quantities.

11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR
PROJECT SITE, IF APPLICABLE:
Jim Thompson, Salt Lake City, ph. 538-5340

12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED
OFFICIAL
John Baza
PHONE: 538-5340
DATE: 7/08/88
Petroleum Engineer



STATE OF UTAH
NATURAL RESOURCES
Wildlife Resources

*orig. J. Baga
cc letter only - file*

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
William H. Geer, Division Director

1596 West North Temple • Salt Lake City, UT 84116-3154 • 801-533-9333

July 26, 1988

RECEIVED
JUL 27 1988

DIVISION OF
OIL, GAS & MINING

Ms. Dianne R. Nielsen, Director
Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Subject: Texaco Inc. wildcat well, Carbon County - (UT880712-020).

Dear Dianne:

We have reviewed the proposed wildcat well and provide the following information for your consideration in permitting this action.

The project area (SE/4, NE4, Sec. 33, T14S, R8E) provides high priority value big game winter range for both deer and elk. Additionally, depending on the actual location of the drill pad and access road, disturbance may affect a golden eagle nest located in the SE4 of Sec. 33. This should be checked out on the ground with DWR regional staff in Price.

Our Division mitigation goal for high priority value habitat is no net loss of habitat value. Given the potential short-term impact of the project, assurance of complete reclamation of disturbed sites, both the pad area and access road, will satisfy our concerns. If the well is successful, other mitigation measures designed to offset habitat loss in the long-term should be required; for example, rangeland treatment in the immediate vicinity of the development in an amount equal to the loss.

We recommend that construction and development activities be limited during the period from December 1 to April 15 to avoid conflict with wintering deer and elk.

We request that specific siting of the access road and drill pad be coordinated with our regional staff in order to minimize disturbance of key habitat values. During the consultation, consideration should be given to elimination of the access road through reclamation once drilling is completed. Our regional personnel can also provide guidance concerning revegetation of disturbed sites.

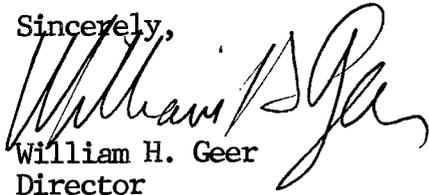
Future contacts with our Division to coordinate site specific concerns should be directed to Larry Dalton, Regional Resource Analyst, in Price (637-3310).

Ms. Dianne R. Nielsen
July 26, 1988
Page 2

Enclosed are computer-generated 1:24,000 scale maps depicting big game and raptor values for the vicinity of the proposed drill site.

If you have questions concerning this response, please contact us accordingly.

Sincerely,

A handwritten signature in cursive script, appearing to read "William H. Geer".

William H. Geer
Director

Enclosure

RECEIVED

JUL 29 1988

WATER RIGHTS
PRICE

PR PRICE RIVER WATER
WID IMPROVEMENT DISTRICT
P.O. Box 903
265 South Fairgrounds Road
Price, Utah 84501
Telephone (801) 637-6350

July 27, 1988

TO WHOM IT MAY CONCERN:

Target Trucking is getting water from the Price River Water Improvement District's metering station located at 265 South Fairgrounds Road, Price, Utah, for the following location:

State of Utah S#1 Drilling Site for TEXACO INC
Section 33, T14S., R8E., SLB&M

If you have any questions concerning the above, please contact our office.

Thank you.


Phillip P. Palmer, District Manager
PRWID

kd

RECEIVED
AUG 1 1988

DIVISION OF
OIL, GAS & MINING





STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

July 29, 1988

RECEIVED
AUG 1 1988

DIVISION OF
OIL, GAS & MINING

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

Re: State of Utah S#1 - Sec. 33, T14S, R8E, SLB&M
Pinnacle Peak #2 - Sec. 19, T14S, R9E, SLB&M

Dear Lisha:

The enclosed letters will serve as evidence for a water right for the two above referenced drill sites that are proposed by Texaco Inc.

If you have any questions concerning them, please contact our office.

Sincerely,

A handwritten signature in cursive script that reads "Mark P. Page".

Mark P. Page
Area Engineer

Enclosures
MPP/mjk



Division of State History
 (Utah State Historical Society)
 Department of Community and Economic Development

Norman H. Bangertor
 Governor
 Max J. Evans
 Director

300 Rio Grande
 Salt Lake City, Utah 84101-1182

August 1, 1988

Chairperson
 Resource Development Coordinating Committee
 State Planning Office
 118 State Capitol
 Salt Lake City, Utah 84114

RE: Texaco Wildcat Well, at T14S, R8E, Section 33, Carbon County, Utah
 (UT880712-020)

In Reply Please Refer to Case No. L490

Dear Chairperson:

The staff of the Utah State Historic Preservation Office has received the above referenced proposal. Following a review of our files, we find that there are no archeological or historic properties recorded in the project area. There have also been no cultural resource surveys conducted in the project area. Cultural resource surveys in similar environments in this region have recorded archeological sites. The potential for finding any historic properties which might be eligible for the National Register of Historic Places is low. The Division of Oil, Gas and Mining can use this information in making any further recommendations regarding the project.

The above is provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. If you have questions or need additional assistance, please contact us at (801) 533-7039, or 533-6017.

Sincerely,

Diana Christensen
 Regulation Assistance Coordinator

DC:L490/5854V OR



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

August 4, 1988

Texaco Incorporated
P. O. Box EE
Cortez, Colorado 81321

Gentlemen:

Re: State of Utah 'S' #1 - SE NE Sec. 33, T. 14S, R. 8E - Carbon County, Utah
1454' FNL, 1120' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Prior to any ground-disturbing activity on state lands or lands owned or controlled by the state or its subdivisions, a cultural resource clearance report must be filed with and approved by the Division of State History, phone (801) 533-4563. A list of acceptable archaeological contractors is available from the Division of State History.
3. Upon excavation of reserve pit and prior to introduction of fluid to pit, the operator shall contact the Division to allow inspection for determination of pit lining requirements.
4. Upon installation of BOP equipment, the operator shall ensure that kill lines and valves are properly installed. The operator shall notify the Division of Oil, Gas & Mining at the time of BOP installation to allow inspection.
5. In consideration of the concerns of the Utah Division of Wildlife Resources (see copy of attached letter dated 7-26-88) the operator is requested to:

Page 2
Texaco Incorporated
State of Utah 'S' #1
August 4, 1988

- a) Avoid construction or surface disturbing activities from December 1 to April 15.
- b) Contact Division of Wildlife Resources regional staff in Price prior to drilling and avoid disturbance of key wildlife habitat areas.
- c) Utilize only the surface area needed for access and drilling, and reclaim all unnecessary surface area upon completion of the well.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

Page 3
Texaco Incorporated
State of Utah 'S' #1
August 4, 1988

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30118.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T



Norman H. Bangerter
Governor

Dale C. Hatch, C.P.A., J.D.
Director

Michael E. Christensen, Ph.D.
Deputy Director

State of Utah
OFFICE OF PLANNING AND BUDGET

116 State Capitol Building
Salt Lake City, Utah 84114
(801) 538-1027

well file

RECEIVED
AUG 18 1988

DIVISION OF
OIL, GAS & MINING

August 17, 1988

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

SUBJECT: Application for Permit to Drill Wildcat Well, the State of Utah's #1 on State Lease #ML43023, Carbon County State Application Identifier #UT880712-020

Dear John:

The attached comments were sent to me rather than to you directly. You may wish to consider them in your review of this proposal.

I am sorry for any inconvenience this may have caused.

Sincerely,

Carolyn Wright
Carolyn Wright

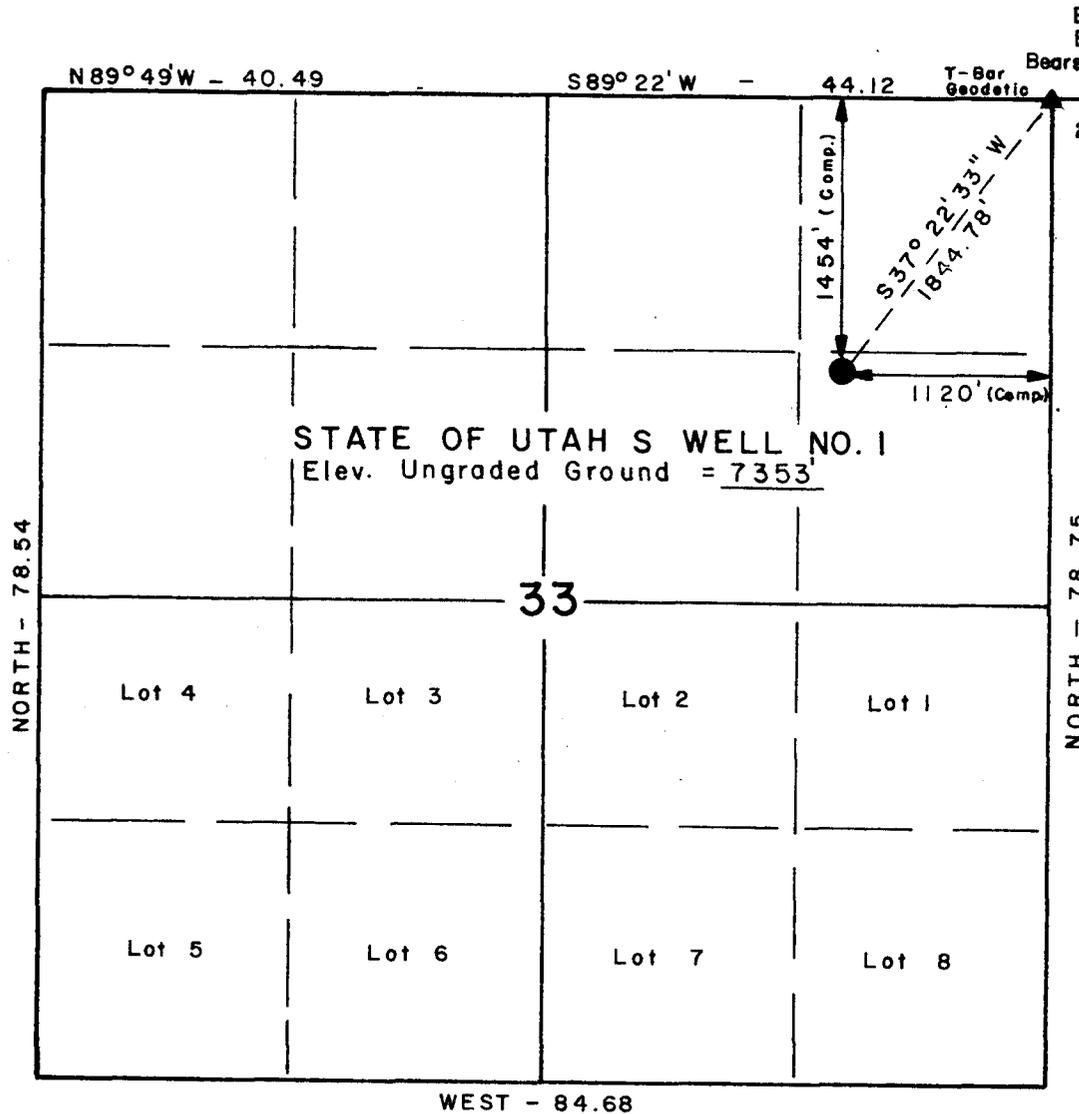
CW:jw

Attachment

T14S, R8E, S.L.B. & M.

PROJECT
TEXACO, INCORPORATED

Well Location, STATE OF UTAH S WELL NO. 1,
Located as Shown in the SE1/4 NE1/4 Section 33,
T14S, R8E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NE1/4 CORNER OF SECTION 33, T14S, R8E, S.L.B.&M. TAKEN FROM THE WATTIS QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7184 FEET



CERTIFICATE

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

Adrian Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5/27/88
PARTY LDT KW JAK	REFERENCES G.L.O.
WEATHER WARM	FILE TEXACO

▲ = Section Corners Located

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-007-30118

NAME OF COMPANY: TEXACO INC.

WELL NAME: STATE OF UTAH "S" #1

SECTION SENE 33 TOWNSHIP 14S RANGE 8E COUNTY CARBON

DRILLING CONTRACTOR GRACE DRILLING

RIG # 179

SPUDDED: DATE 8/20/88

TIME 12:00 noon

How DRY HOLE DIGGER

Set 60' of 16" conductor
ready mix to surface

DRILLING WILL COMMENCE MOVING GRACE ON LOC. 8/23/88

REPORTED BY MARK KRAMMER

TELEPHONE # QUALITY INN IN PRICE, UTAH

DATE 8/23/88 SIGNED TAS

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR TEXACO INC.
ADDRESS P.O. BOX EE
Cortez, COLO. 81321

OPERATOR CODE N0980
PHONE NO. 303, 565-8401

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10921	43-007-30117	PINNACLE Peak #2	SE 1/4	19	14S	9E	CARBON	8-2-88	
COMMENTS: Fee-lease Field-wildcat Unit - Pinnacle Peak Proposed Zone - Turnuck (one other well in sec. 19 Texaco SDW, assign new entity 10921 on 9-6-88) fcl											
A	99999	10922	43-007-30118	STATE OF UTAH "S" #1		33	14S	8E	CARBON	8-22-88	
COMMENTS: State lease Field-wildcat Not in a unit Proposed Zone - Turnuck (Only well in sec. 33. Assign new entity 10922 on 9-6-88) fcl											
COMMENTS:											
COMMENTS:											
COMMENTS:											

CONFIDENTIAL

ACTION CODES: 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)
 (SEE INSTRUCTIONS ON BACK OF FORM)

RECEIVED
SEP 1 1988

DIVISION OF
OIL, GAS & MINING

SIGNED: A. A. Kleier / J. L. Humphrey
SIGNATURE
Area Manager
TITLE: _____ DATE: AUG 26 1988

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

HAROLD J. ...
Chairman

WILLIAM D. HOWE
Executive Director

RECEIVED
AUG 26 1988

Utah 84501 • Telephone 637-5444

DIVISION OF
OIL, GAS & MINING

AREAWIDE CLEARINGHOUSE A-95 REVIEW

NOI ___ Preapp ___ App ___ State Plan ___ State Action X Subdivision ___ (ASP # 8-713-2)

Other (indicate) _____ SAI Number UT880712-020

Applicant (Address, Phone Number):

Federal Funds:
Requested: _____

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

Title:

Texaco 43-007-30118
State of Utah S #1
Sec. 33, TIAS, RBE,
Carbon Co.

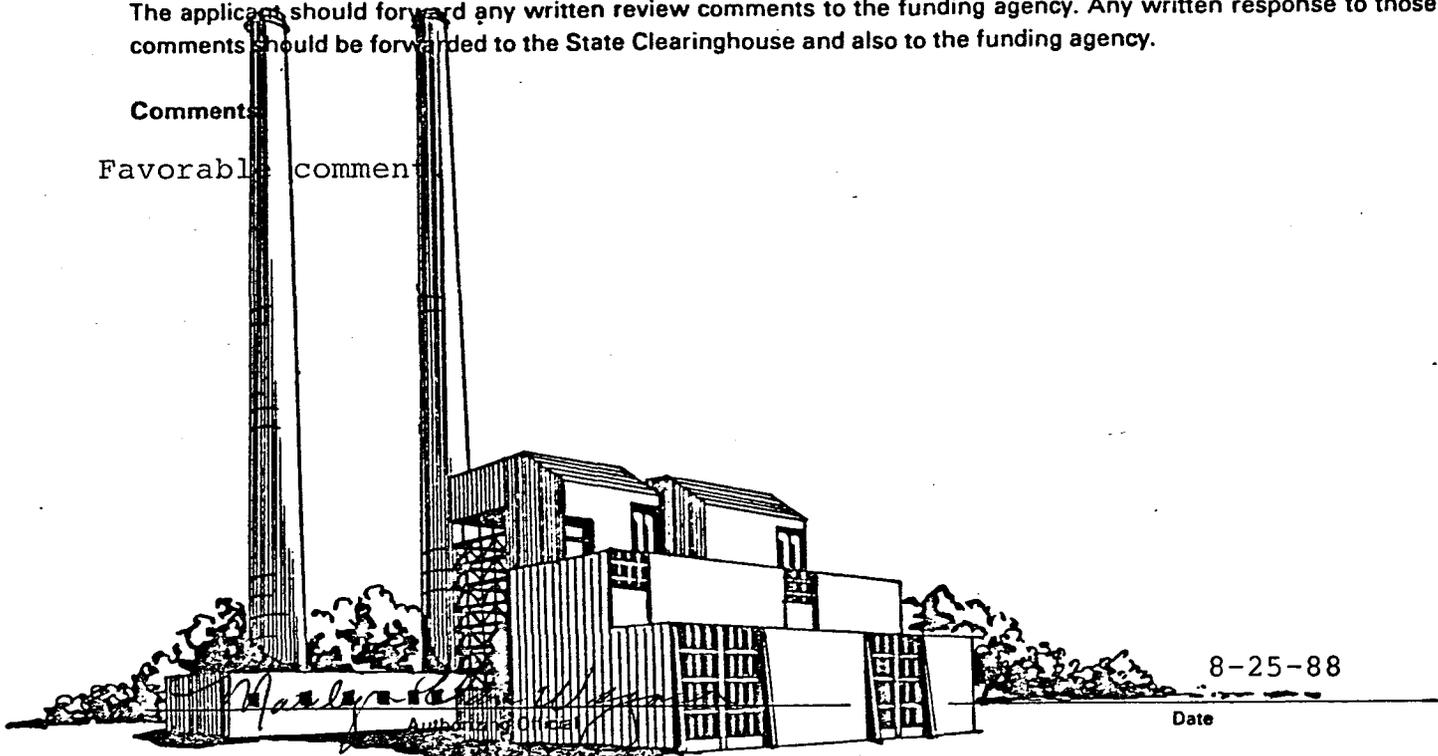
APPLICATION FOR PERMIT TO DRILL

- No comment
- See comments below
- No action taken because of insufficient information
- Please send your formal application to us for review. Your attendance is requested

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments:

Favorable comment



8-25-88

Date

REGIONAL CLEARINGHOUSE

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

COMPANY NAME: Texaco-

WELL NAME: State of Utah S# 1

QTR/QTR SE/NE SECTION 33 TOWNSHIP 14S RANGE 8E

CEMENTING COMPANY: Western WELL SIGN

INSPECTOR: FM / GCG DATE: 8/29/88

CEMENTING OPERATIONS:

PLUGBACK: _____ SQUEEZE: _____ CASING: _____ P-A ZONE: _____

SURFACE CASING: INTERMEDIATE _____ PROD CASING: _____

PERFORATIONS _____ SQUEEZE PRESSURE _____

CASING INFORMATION:

SIZE 9 5/8" GRADE: K-55 HOLE SIZE: 12 1/4" DEPTH: 1146'

SLURRY INFORMATION:

1. CLASS: G
LEAD: 300 sks Lite + 2% CaCl₂ + 1/4 #/sk TAIL: "G" 200 sks + 2% CaCl₂ + 1/4 # sk

2. SLURRY WEIGHT:
LEAD: 13.1 TAIL: 15.6

3. WATER (GAL/SK)
LEAD: 8.77 TAIL: 5.2

4. COMPRESSIVE STRENGTH
PSI @ 465 / 2850 HR 24

PIPE CENTRALIZED CEMENTING STAGES 1

LOST RETURNS N REGAIN RETURNS _____ BARRELS LOST _____

TOP OF CEMENT Surface PERF INTERVAL _____

CEMENT TO SURFACE?

ADDITIONAL COMMENTS: ± 20 bbls to pit -

hole drilled to 1153' - 9 5/8 36# K-55 ST+C set

@ 1146'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: Tertaco REPRESENTATIVE: Mark Krammer

WELL NAME: State of Utah S#1 API# 43-007-30118

QTR/QTR ^{SE/NE} SECTION 33 WELLSIGN TWP 14S RANGE 8E

INSPECTOR: FM / CG DATE: 8/29/88

DRILLING CONTRACTOR Grace Drilling RIG # 119

RIG OPERATIONS: E. Nipple up after running 9 5/8 surface pipe

DEPTH 1146' LAST CASING 9 5/8 @ 1146

TEST BY Double Jerk Testing WATER MUD

PRESSURE RATING OF STACK 11" x 3000 psi H2S RATED

TEST PRESSURES 2000 / KELLYCOCK: UPPER LOWER

INSIDE BOP FULL OPENING VALVE ON FLOOR

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. rotating head
2. annular
3. blind ram
4. pipe ram
5. drilling spool
6.

ADDITIONAL COMMENTS: choke manifold also tested to 2000 psi for 15 min.

REPORTED BY: Mark Krammer PHONE:

DATE: 8/29/88 SIGNED: Gary Gaskes

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

Plugged

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Texaco Carbon County

WELLNAME: State of Utah S#1 API# 43-007-30118

SECTION: 33 TWP: 14S RANGE: 8E

INSPECTOR: Frank Matthews / Gary Garner TIME: 6:00 AM DATE: 8/29/88

REPRESENTATIVE: Mark Kramer PUSHER: Gene Oaches

OPERATIONS: Running + cementing surface casing

SPUD DATE: 8/22/88 DEPTH: 1146

DRILLING AND COMPLETIONS:

- APD
- WELL SIGN
- SANITATION
- BOPE
- BLOOIE LINE
- NA H2S
- NA VENTED/FLARED
- RESERVE PIT
- FLARE PIT
- BURN PIT
- HOUSEKEEPING

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

FACSIMILE TRANSMISSION REQUEST

X URGENT ROUTINE DATE 9/28 NUMBER PAGES 2 + COVER

TO JOHN BAZA

FROM ALAN KLEIER

LOCATION SALT LAKE

LOCATION CORTEZ

DEPARTMENT UOGCC

DEPARTMENT TEXACO INC.

ROOM NUMBER _____

ROOM NUMBER _____

SENDING DEPARTMENT APPROVAL _____

TIME TRANSMITTED _____

UOGCC-16

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBJECT IN TRIPlicate
(Other instructions on reverse side)

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 checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. State
2. NAME OF OPERATOR Texaco Inc. (303) 565-8401		6. IF INDIAN ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box EE Cortez, CO. 81321		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1454' FNL and 1120' FEL Sec. 33		8. NAME OF LEASE NAME State of Utah S
14. PERMIT NO. 43-007-30118		9. WELL NO. #1
15. ELEVATIONS (Show whether of, to, or, etc.) 7346' GL		10. FIELD AND POOL, OR WELDFAC Wildcat
		11. SEC. T, S, R., OR BLK. AND SURVEY OR AREA Sec. 33, T14S-R8E
		12. COUNTY OR PARISH Carbon
		13. STATE Utah

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

NATURE OF OPERATION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	TOLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	RETAINING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANN <input type="checkbox"/>	(Other) _____	
(Other) _____		(Note: Report results of multiple completion on Well Completion or Recombination 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.)*

Texaco Inc. proposes to plug and abandon the subject well as attached. The existing Ferron perforations have tested non-productive. Telephone discussion this date with Mr. John Baza has formulated the proposed plugging procedure.

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

SIGNED Alan D. Kline TITLE AREA MANAGER DATE 9/28/88

(This space for Federal or State office use)

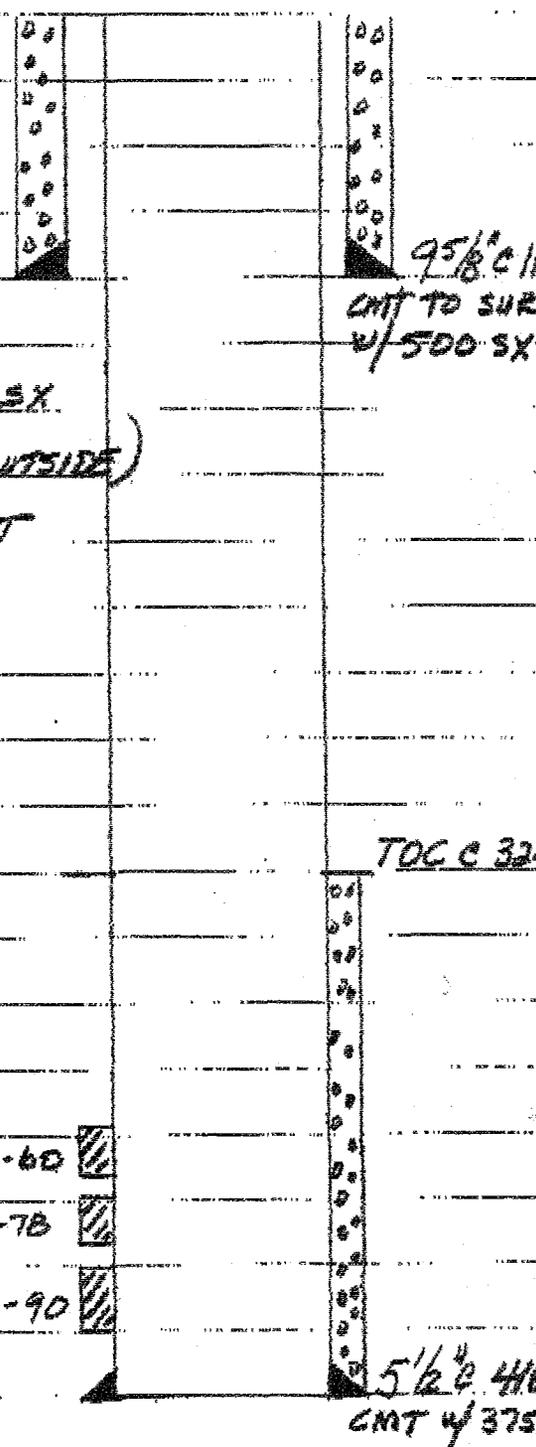
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UOGCC (3) - LAA - AAK

ABANDONMENT PROCEDURE

STATE OF UTAH S-CARBON CO., UTAH

1. NUBDOP. TOOH WITH TUBING
2. TIH WITH CIBP ON TUBING
SET CIBP AT 3800' LOAD
HOLE WITH 9.2 PPG WATER
3. SPOT 15 SX CEMENT ON CIBP.
4. TOOH WITH TUBING.
5. PERFORATE 4-WAY SQUEEZE HOLES
AT 1200'
6. TIH WITH TUBING. SPOT AND SQUEEZE 75 SX.
CLASS H CMT (10 SX INSIDE CSG / 65 SX OUTSIDE)
7. TOOH WITH TUBING. SPOT 15 SX CMT
PLUG AT SURFACE.
8. NUBDOP. CUT OFF CSG HEAD
9. SET DRY HOLE MARKER
10. RDMDSW. CLEAN LOCATION



A.A. KLEIER

3952-60 

3968-78 

3982-90 

TOC C 324

5 1/2\"/>

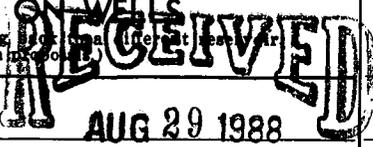
ARA

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well. Use "APPLICATION FOR PERMIT—" for such proposals.)



1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Drilling Well		5. LEASE DESIGNATION AND SERIAL NO. State
2. NAME OF OPERATOR TEXACO Inc. (303) 565-8401		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box EE, Cortez, CO 81321		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1454' FNL and 1120' FEL Sec. 33		8. FARM OR LEASE NAME State of Utah 'S'
14. PERMIT NO. 43-007-30118		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7346' GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T14S, R8E
		12. COUNTY OR PARISH Carbon
		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 type="checkbox"/>	(Other) <u>New well spud</u>	<input checked="" 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.)*

16" conductor pipe was set and cemented on August 22, 1988 on the subject well. Rotary tools are preparing to move in and rig up.

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

SIGNED Alan A. Kleier TITLE Area Manager DATE Aug. 25, 1988

(This space for Federal or State office use)

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR Texaco Inc LEASE _____
WELL NO. State of Utah "S" #1 API 43-007-30118
SE/NE SEC. 33 T. _____ R. 14S CONTRACTOR RE
COUNTY Carbon FIELD Lightning
(PA)

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLL. CONTROL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN _____ / TA _____ :
 WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
 OTHER

ABANDONED:
 N MARKER Y HOUSEKEEPING A REHAB. OTHER

PRODUCTION:
 WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*
 METERING* POLL. CONTROL PITS DISPOSAL
 SECURITY SAFETY OTHER

GAS DISPOSITION:
 VENTED/FLARED SOLD LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: Location, well head, BOPs, & workover Equip

REMARKS: Witnessed P&A. - Set CIBP @ 3800' - spotted 100' Cont Plug on top of BP (150') Perf 4 Holes @ 1200 ft. - Spotted 75' sx plug (100') inside & outside of 5 1/2" Csg. 1100 to 1200'. Filled 5 1/2" csg from surface to 100'. will use 5' sx to finish surface plug and set markers.

ACTION: Will Need to Check Marker & Clean up w/ Re Hab Done

INSPECTOR: John Berrier DATE 9-27-88

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Texaco Inc.

WELLNAME: State of Utah "S" #1 API# 43-007-30118

SECTION: 33 TWP: 14S RANGE: 8E

INSPECTOR: JOHN BERRIER TIME: 8 AM DATE: 9-29-88

REPRESENTATIVE: Brad Weiss PUSHER: Flint LeRoy Smith

OPERATIONS: PEA

SPUD DATE: _____ DEPTH: 4100

DRILLING AND COMPLETIONS:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> SANITATION
<input type="checkbox"/> BOPE	<input type="checkbox"/> BLOOD LINE	<input type="checkbox"/> H2S
<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> RESERVE PIT	<input type="checkbox"/> FLARE PIT
<input type="checkbox"/> BURN PIT	<input type="checkbox"/> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
<u>CTBP w/100' class H cement on top (155x)</u>	<u>CTBP 3800 - Top Cement - 3700'</u>
<u>Class "H" cement (155x) thru perforations @ 1200</u>	<u>1100 - 1200'</u>
<u>Class "H" cement (155x)</u>	<u>0 - 100'</u>
<u>CTBP. Tested to 700 psi @ OK</u>	

PLUGS TESTED: _____ HOW Rig Pump WOC _____

MARKER: SURFACE PLATE

RECLAMATION:

CONTOUR RIP REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

Witnessed all operations except setting marker. will check marker on final inspection.

APPROVED BY John Berrier HOW _____ DATE 9-29-88

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
SEP 30 1988

DIVISION OF
OIL, GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. State
2. NAME OF OPERATOR Texaco Inc. (303) 565-8401		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box EE Cortez, CO. 81321		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1454' FNL and 1120' FEL Sec. 33		8. FARM OR LEASE NAME State of Utah S
14. PERMIT NO. 43-007-30118		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7346' GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T14S-R8E
		12. COUNTY OR PARISH Carbon
		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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <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.) *

Texaco Inc. proposes to plug and abandon the subject well as attached. The existing Ferron perforations have tested non-productive. Telephone discussion this date with Mr. John Baza has formulated the proposed plugging procedure.

CONFIDENTIAL

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

SIGNED Alan A. Klever TITLE AREA MANAGER DATE 9/28/88

(This space for Federal or State office use)

APPROVED BY UOGCC (3) TITLE - LAA - AAK

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

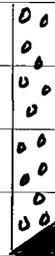
DATE: 10-6-88

*See Instructions on Reverse Side John R. Baza

ABANDONMENT PROCEDURE

STATE OF UTAH S-1
CARBON CO., UTAH

1. NUBDR. TOOH WITH TUBING
2. TIH WITH CIBP ON TUBING
SET CIBP AT 3800' LOAD
HOLE WITH 9.2 PPG WATER
3. SPOT 15 SX CEMENT ON CIBP.
4. TOOH WITH TUBING.
5. PERFORATE 4-WAY SQUEEZE HOLES
AT 1200'.
6. TIH WITH TUBING. SPOT AND SQUEEZE 75 SX
CLASS H CMT (10 SX INSIDE CSG / 65 SX OUTSIDE)
7. TOOH WITH TUBING. SPOT 15 SX CMT
PLUG AT SURFACE.
8. NDBDP. CUT OFF CSG HEAD
9. SET DRY HOLE MARKER
10. RDMDSU. CLEAN LOCATION



9 5/8" C 1148
CMT TO SURF
W/ 500 SX

TOC C 3240'

A.A. KLEIER

CONFIDENTIAL

- 3952-60
- 3968-78
- 3982-90

5 1/2" C 4100
CMT W/ 375 SX

ARJ

well file

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator Texaco Inc.
 Representative Alan Kleier Telephone No. (303) 565-8401
 Well Name and No. State of Utah "S" #1
 Location SE 1/4 NE 1/4, Sec. 33 T. 14S R. 8E County Carbon
 Lease Type (Federal, Tribal, State or Private) State
 Has operator obtained proper Federal or Tribal approval? NA
 T. D. 4100 Open hole from NA to _____

Hole Size	Casing Size	Set at	TOC	Pull Casing?
_____	<u>9 5/8</u>	<u>1148</u>	<u>Surf.</u>	<u>N</u>
_____	<u>5 1/2</u>	<u>4100</u>	<u>3240'</u>	<u>N</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Formation	Top	Base	Shows?
<u>Perf. in Ferron</u>	<u>Perfs: 3952'</u>	<u>- 3990'</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Plugging procedure:

- ① CIBP over perfs. Dump bail 100' cement on top.
- ② Perf. @ 1200'. Circ. 100' of cement 1100'-1200'.
- ③ Surf. plug of 10-15 sz. Dry hole marker.

Remarks: (DST's, LCZ's, Water flows, etc.)

Plan to commence plugging tomorrow (9-29).
Brad Weiss is Texaco rep. on location.

Approved by JRB Date 9/28/88 Time 10:20 am



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

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 3, 1988

Mr. Alan Kleier
Texaco Incorporated
P.O. Box EE
Cortez, Colorado 81321

Dear Mr. Kleier:

RE: Surface Restoration for the State of Utah "S" #1 Well

This letter will serve to inform you that staff of the Division of Oil, Gas and Mining has reviewed the matter of surface restoration requirements for the State of Utah "S" #1 well located in Section 33, Township 14 South, Range 8 East, Carbon County, Utah. The Division finds that adequate and appropriate requirements for surface restoration are addressed through the mineral lease agreement established between Texaco and the Utah Division of State Lands and Forestry. It is the determination of the Division that if Texaco performs surface restoration of the drill site, access road, and any other disturbed areas included in the mineral lease agreement or established right-of-way agreements on state land, then Texaco has properly complied with the stipulations set forth in the approval to drill issued by the Division.

In recent discussions between yourself and Mr. John Baza of this office, you indicated that you had communicated with Mr. Larry Dalton of the Utah Division of Wildlife Resources who had requested certain actions by Texaco to enhance wildlife habitat in his area of responsibility. Mr. Dalton had requested such action because of his concern that wildlife habitat had been disturbed by construction activities and drilling of the referenced well. In the Division's review of the matter, we do not find any regulatory basis either through the mineral lease agreement or this Division's oil and gas conservation rules which would require the actions from Texaco which have been requested by Mr. Dalton.

It is the concern of the Division that well operators in Utah conduct activities in accordance with proper principles of oil and gas conservation. Site restoration and compensation for surface damages are normally left as a contractual matter to be negotiated between the well operator and the landowner, and the Division becomes involved only when there is conflict or inability of the parties to reach agreement. In this case, adequate surface use and site restoration agreements appear to exist between Texaco and the Utah Division of State Lands and Forestry; therefore, as far as the Division is concerned, Texaco has complied with the requirements of the approval to drill issued by this office. Any restoration of state land should be performed in accordance with the requirements set forth by the Utah Division of State Lands and Forestry.

Page 2
Mr. Alan Kleier
October 3, 1988

I appreciate your concerns for proper compliance with the rules and statutes of the State of Utah, and I hope this letter adequately addresses your concerns. Please do not hesitate to contact this office again regarding any oil and gas development issues which need resolution.

Best regards,



Dianne R. Nielson
Director

JRB

cc: William H. Geer, Utah Division of Wildlife Resources
Ed Bonner, Utah Division of State Lands and Forestry
R. J. Firth
Well file

0493T-14-15

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

CONFIDENTIAL

(See other instructions on reverse side)

8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

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

2. NAME OF OPERATOR: Texaco Inc. (303) 565-8401

3. ADDRESS OF OPERATOR: P. O. Box EE Cortez, CO. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements): At surface 1454' FNL & 1120' FEL Sec. 33 At top prod. interval reported below Same as above At total depth Same as above

14. PERMIT NO. 43-007-30118 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO. State

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME State of Utah 'S'

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T14S, R8E

12. COUNTY OR PARISH Carbon

13. STATE Utah

15. DATE SPUNDED With Rotary 8/27/88 16. DATE T.D. REACHED Sept 2, 1988 17. DATE COMPL. (Ready to prod.) Sept. 29, 1988 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7346' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4100' 21. PLUG, BACK T.D., MD & TVD --- 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Ferron Sand 3952' to 3990' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/CET 4018' to 3002' 2-D. Spectralog SP/DIFL 4100' to 1150' GR/FDC/CNL 4100' to 3373' 27. WAS WELL CORED No

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

Table with columns: CASINO SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows for 9 5/8" and 5 1/2" casings.

29. LINER RECORD table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD). 30. TUBING RECORD table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number) Ferron Sand 3952'-60', 3968'-78', 3982-90' 4 jets per foot 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3952'-3990' AMOUNT AND KIND OF MATERIAL USED Acidize with 1500 gal 7 1/2% HCL fracture treat w/41,800 gal 70 Q foam and 105,400# 16-30 sand.

33.* PRODUCTION DATE FIRST PRODUCTION Sept. 25, 1988 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swab/flow WELL STATUS (Producing or shut-in) Plugged & abandoned

Table with columns: DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Rows for 9-28-88 and calculated 24-hour rate.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY Brad Weiss

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED Alan G. Kleier TITLE AREA MANAGER DATE 10/5/88

