OPERATOR RIO BRAVO OIL CO DATE 12-22-83

WELL NAME RU 24-1

SEC SURF NENE 24 BHL SENE 24 T 15 R 1W COUNTY UINTAH

43-047-31434
API NUMBER

FEE
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX ☐ MAP ☐ HL

☐ NID ☐ ☐ PI

PROCESSING COMMENTS:
✓ DIRECTIONAL DRILLING

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1-11-84
BY:

CHIEF PETROLEUM ENGINEER REVIEW:
1/11/84

APPROVAL LETTER:

SPACING: ☒ A-3 ROOSEVELT UNIT ☐ c-3-a CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE: STIPULATIONS:
1- WATER
2- DIRECTIONAL SURVEY DATA SHALL BE SUBMITTED DRILLING NECESSARY TO ACCURATELY DETERMINE THE BOTTOM HOLE LOCATION AT TIME OF WELL COMPLETION.

cp

UTAH OIL AND GAS CONSERVATION COMMISSION

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

Application rescinded 3.5.85

DATE FILED 12-21-83

LAND: FEE & PATENTED X STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 1-12-84 - OIL

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5511' GR

DATE ABANDONED: LA 3.5.85

FIELD: 3/86 BLUEBELL

UNIT: ROOSEVELT

COUNTY: UINTAH

WELL NO. ~~RU 24-1~~ Roosevelt Unit 24-1 API #43-047-31434

LOCATION BHL 1980' FNL FT. FROM (N) (S) LINE. 660' FEL FT. FROM (E) (W) LINE. SENE 1/4 – 1/4 SEC. 24

Surface - 678' FNL - 1249' FEL (NENE)

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				1S	1W	24	RIO BRAVO OIL COMPANY

I advised Kim Stewart that a bond was needed.

12-22-83

Rec'd 1-10-84

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

February 5, 1985

Rio Bravo Oil Company
201 Mission Street
San Francisco, California 94105

Gentlemen:

Re: Well No. Roosevelt Unit 24-1 - Sec. 24, T. 1S., R. 1W
Uintah County, Utah - API #43-047-31434

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,

John R. Baza
Petroleum Engineer

clj

cc: Dianne R. Nielson
Ronald J. Firth
File

0087S/22

January 12, 1984

Rio Bravo Oil Company
Bravo Oil Company, 30th Floor
201 Mission Street
San Francisco, California 94105

RE: Well No. RU 24-1
Surface - NENE 24, T. 1S, R. 1W
678' FNL, 1249' FEL
BHL - SENE 24, T. 1S, R. 1W
1980' FNL, 660' FEL
Uintah County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, 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.

2. Directional drilling survey data necessary to accurately determine the bottom hole location shall be submitted at time of well completion.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-5068 (Home).

The API number assigned to this well is 43-047-31434.

Sincerely,

R. J. Firth
Chief Petroleum Engineer

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

8

5. Lease Designation and Serial No.
J.A. Houston Tract No. 272

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
Roosevelt

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [XX] Multiple Zone [ ]

8. Farm or Lease Name
Roosevelt Unit

2. Name of Operator
Rio Bravo Oil Company

9. Well No.
R.U. 24-1

3. Address of Operator
Bravo Oil Co., 30th Floor, 201 Mission St. San Francisco, CA 94105

10. Field and Pool, or Wildcat
~~Roosevelt Field~~ BLUEBELL

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
678' FNL 1249' FEL Sec. 24, T1S, R1W, U.S.M. NENE

11. Sec., T., R., M., or Blk. and Survey or Area
Sec.24, T1S, R1W, U.S.M.

At proposed prod. zone
Bottom Hole Location 1980 FNL - 660' FEL (Green River) BHL SENE

12. County or Parrish 13. State
Uintah Utah

14. Distance in miles and direction from nearest town or post office*
12½ miles Northeast of Roosevelt, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
670'	3412	40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth	20. Rotary or cable tools
2900'	10,400 (Green River Form)	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
GR-5511'

22. Approx. date work will start*
January 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94# H40	80'	To surface
14-3/4"	10-3/4"	40.5# H-40 STC	2500'	To surface
9-7/8"	7"	23-26#	10,400'	1530 SX

Proposed Green River Formation Completion.

See Proposed Drilling Program Attached.

Note: Directionally drilling will begin at approximately 7,500' to T.D. of 10,400' with 9-7/8" hole.

RECEIVED
DEC 21 1983
DIVISION OF
OIL, GAS & MINING

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 B. L. Graham Title Division Drilling Engineer Date 12/14/83

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/27/83
BY: [signature]

See Instructions On Reverse Side

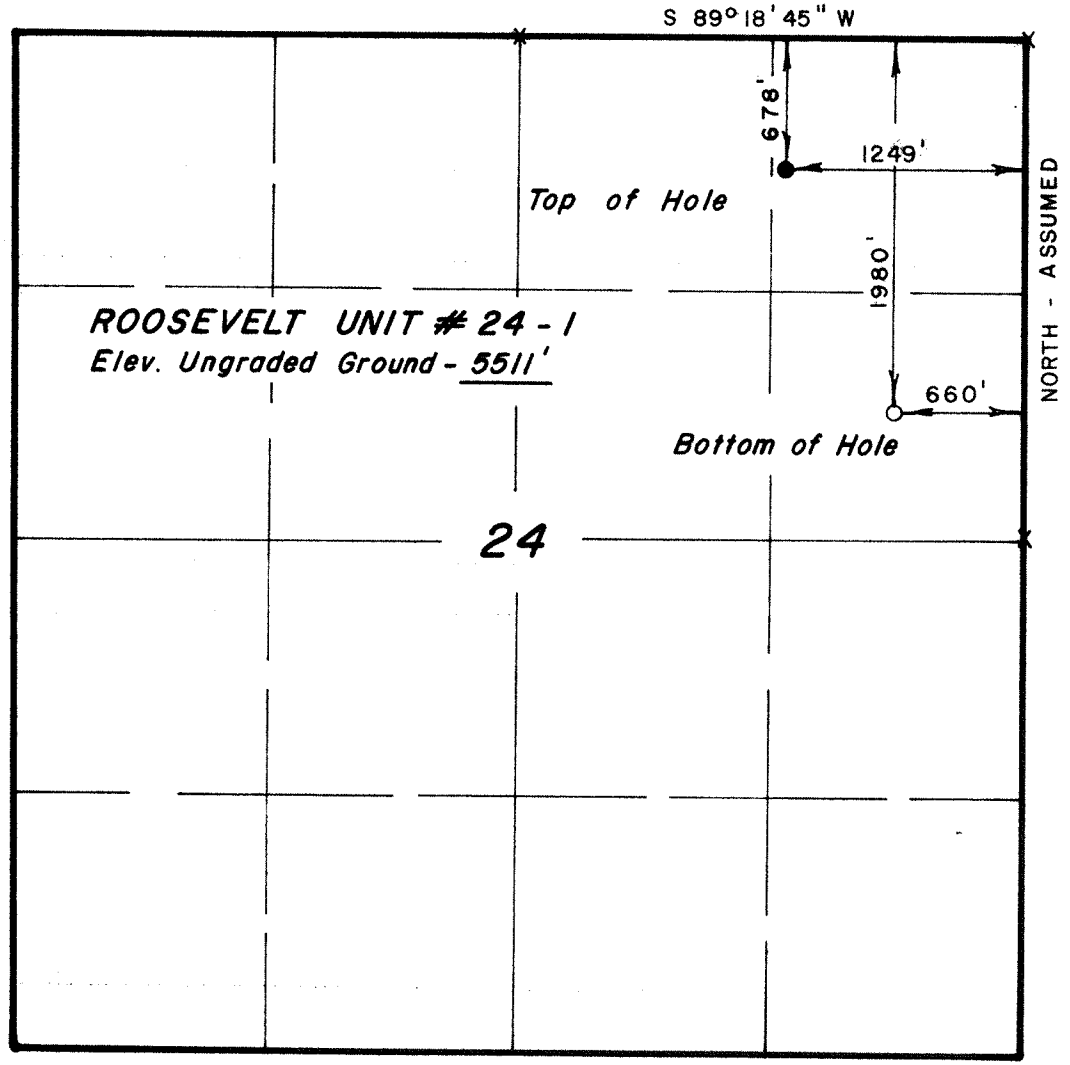
PROJECT

RIO BRAVO OIL COMPANY

Well location, *ROOSEVELT UNIT # 24-1*, located as shown in the NE 1/4 NE 1/4, Section 24, T 1 S, R 1 W, U.S.B. & M. Uintah County, Utah.

NOTE:
LOCATION TO DRILL TO BOTTOM OF HOLE
S 24°26'23" E - 1422.32'

T 1 S, R 1 W, U.S.B.&M.



X = Section Corners Located

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.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION № 3154
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 12/15/83
PARTY DA, RT, GS, JH	REFERENCES GLO PLAT
WEATHER COLD	FILE RIO BRAVO OIL

EXIBIT "A"

Ten Point Compliance Program

NTL 6

Attached to Form 9-331C

OPERATOR: Rio Bravo Oil Company

WELL NAME: RU-24-1

LOCATION: Section 24, T1S, R1W, U.S.B.& M., Uintah County, State of Utah.

1. GEOLOGIC SURFACE FORMATION

Tertiary Duchesne River Formation.

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Duchesne River Surface Formation - surface
Uintah - 2300'
Green River 5960'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

No water flows anticipated.
Oil & Gas 5400' to 10,400 T.D.

4. PROPOSED CASING PROGRAM

(a) 10-3/4" to 2500', 40.5#, H-40, cement to surface.
7" 23# and 26#, N-80 and S-95, surface to 10,400',
1530 sacks cement.

(b) Production Casing: 2 7/8" tubing 6.5# N-80.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

EXHIBIT "B" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to the full working pressure after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24-hr. period, as will blind rams each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUDS

0-2500' - Gel Lime
2500' T.D. - Low solids non-dispersed fluid.

7. AUXILIARY EQUIPMENT TO BE USED

5000# Hydril Spherical Safety Valve inside BOP, 4 1/2" pipe ram and Blind Rams (See Exhibit "A").
Note: Directionally drilling will begin at approximately 7,500' to T.D. of 10,400' with 9-7/8" hole.

8. TESTING, LOGGING AND CORING PROGRAMS

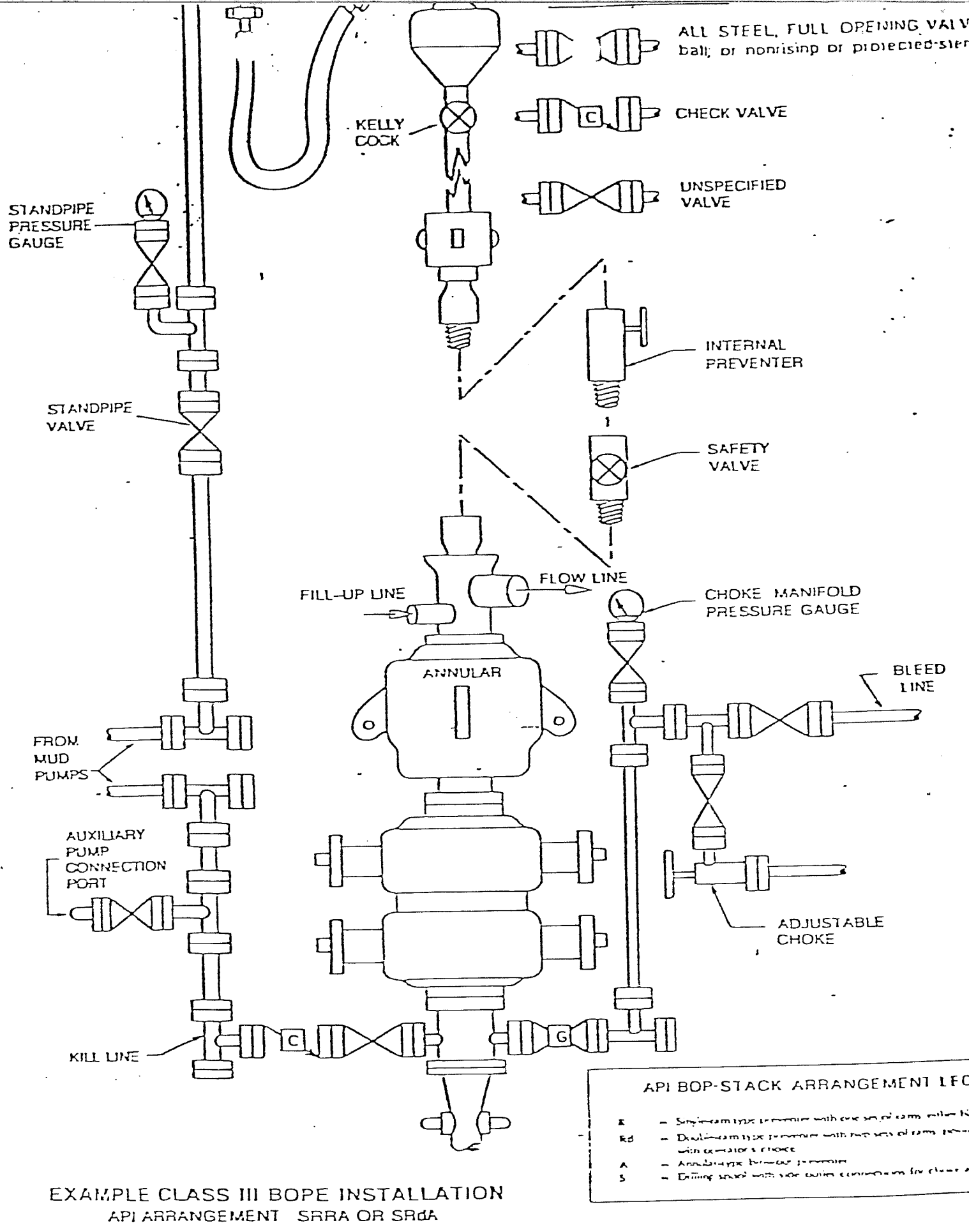
(a) Test: DST's possible 8500' - 9500'
(b) Logging Program:
DIL, Sonic, Dipmeter, Surface - T.D.
VDL, FDC-CNL, 5000' - T.D.
Mud logging 2500' - T.D.
(c) Coring:
Possible 8500' - 9500'
(d) Production:
If production is obtained, producing formation will be selectively perforated and treated.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE

No abnormal pressure or temperatures are anticipated.

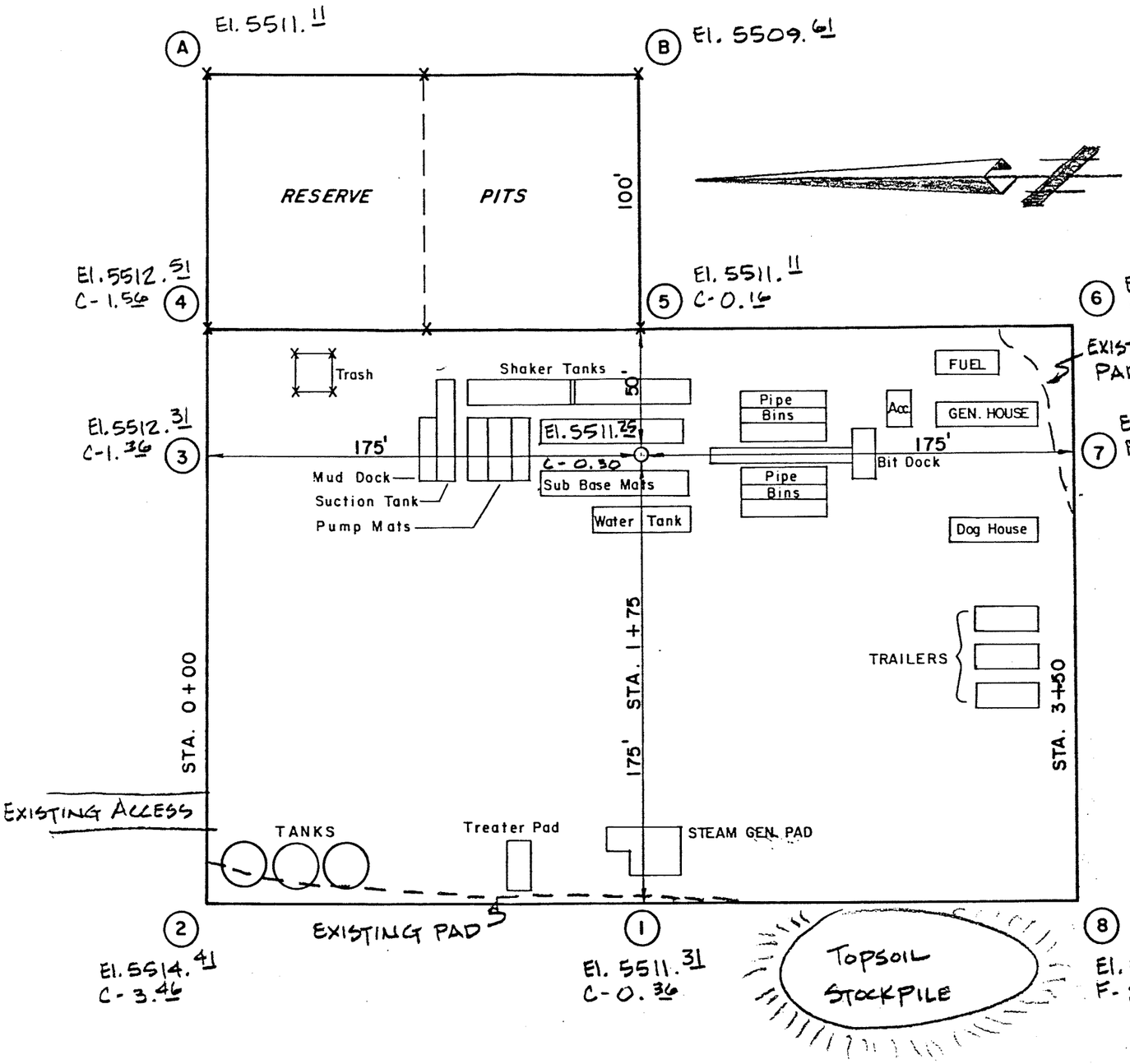
10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

The anticipated starting date is to be approximately or soon as possible after examination and approval of drilling requirements. Operation should be completed within 60 days from spudding to rig release.



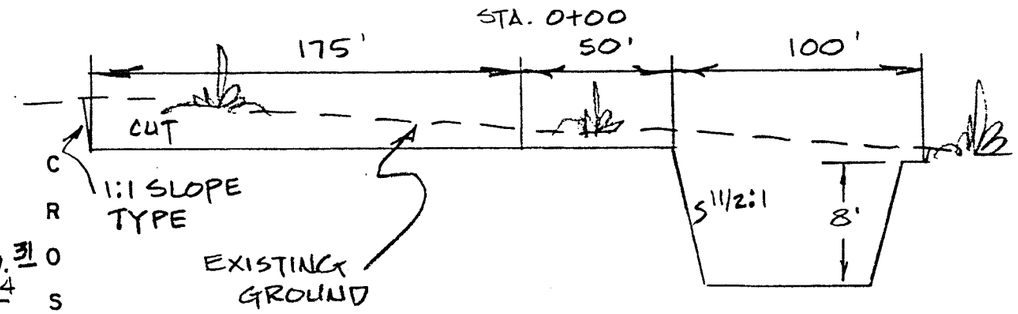
EXAMPLE CLASS III BOPE INSTALLATION
API ARRANGEMENT SRRA OR SRdA

RIO BRAVO OIL COMPAN~

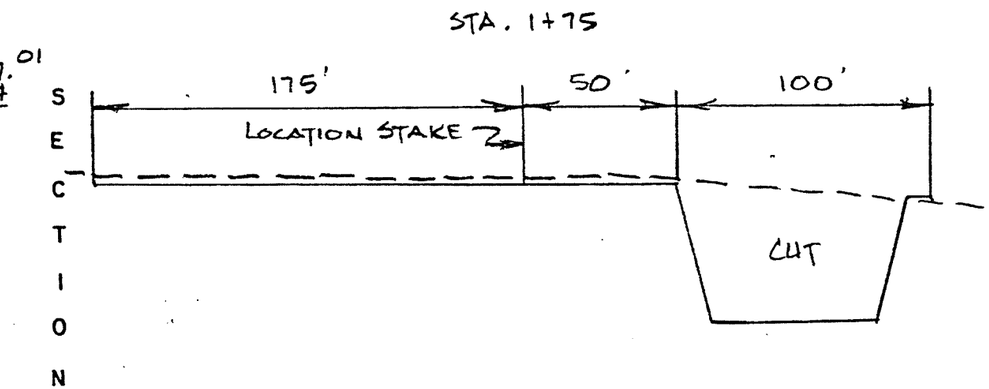


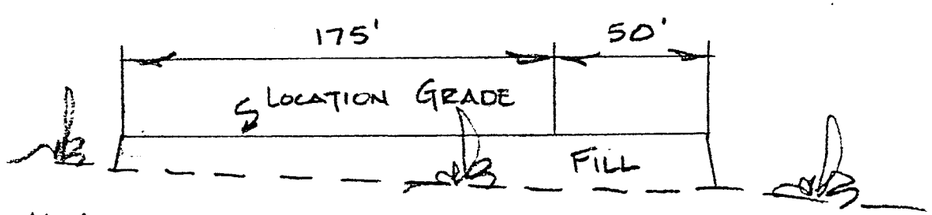
ROOSEVELT UNIT # 24-1

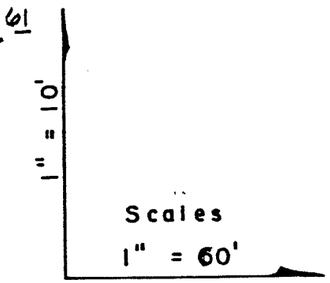
LOCATION LAYOUT & CUT SHEET



CROSS SECTIONS







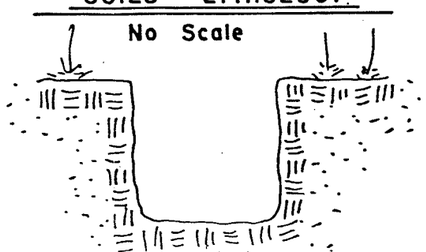
APPROXIMATE YARDAGES

Cubic Yards Cut - 9,331

Cubic Yards Fill - 2,651

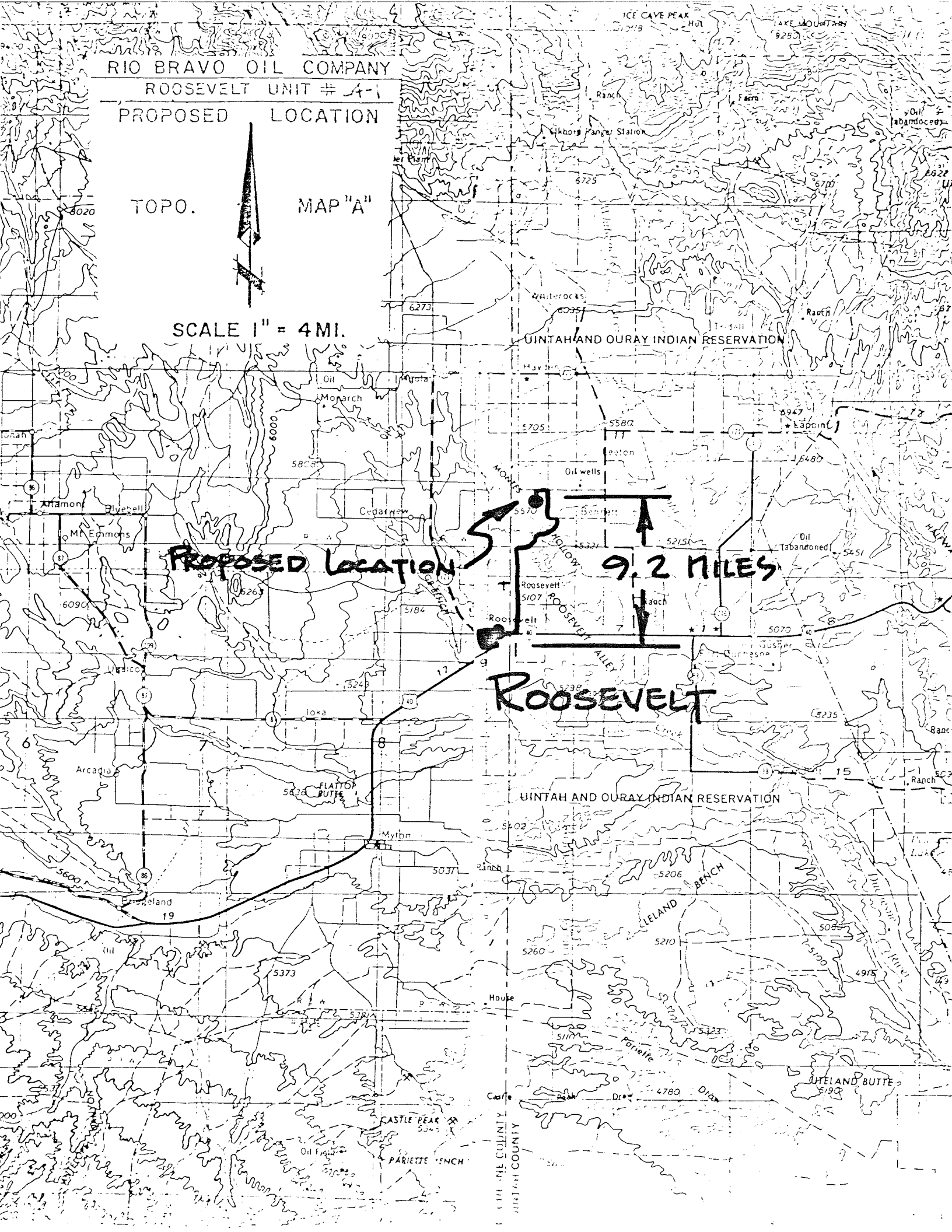
SOILS LITHOLOGY

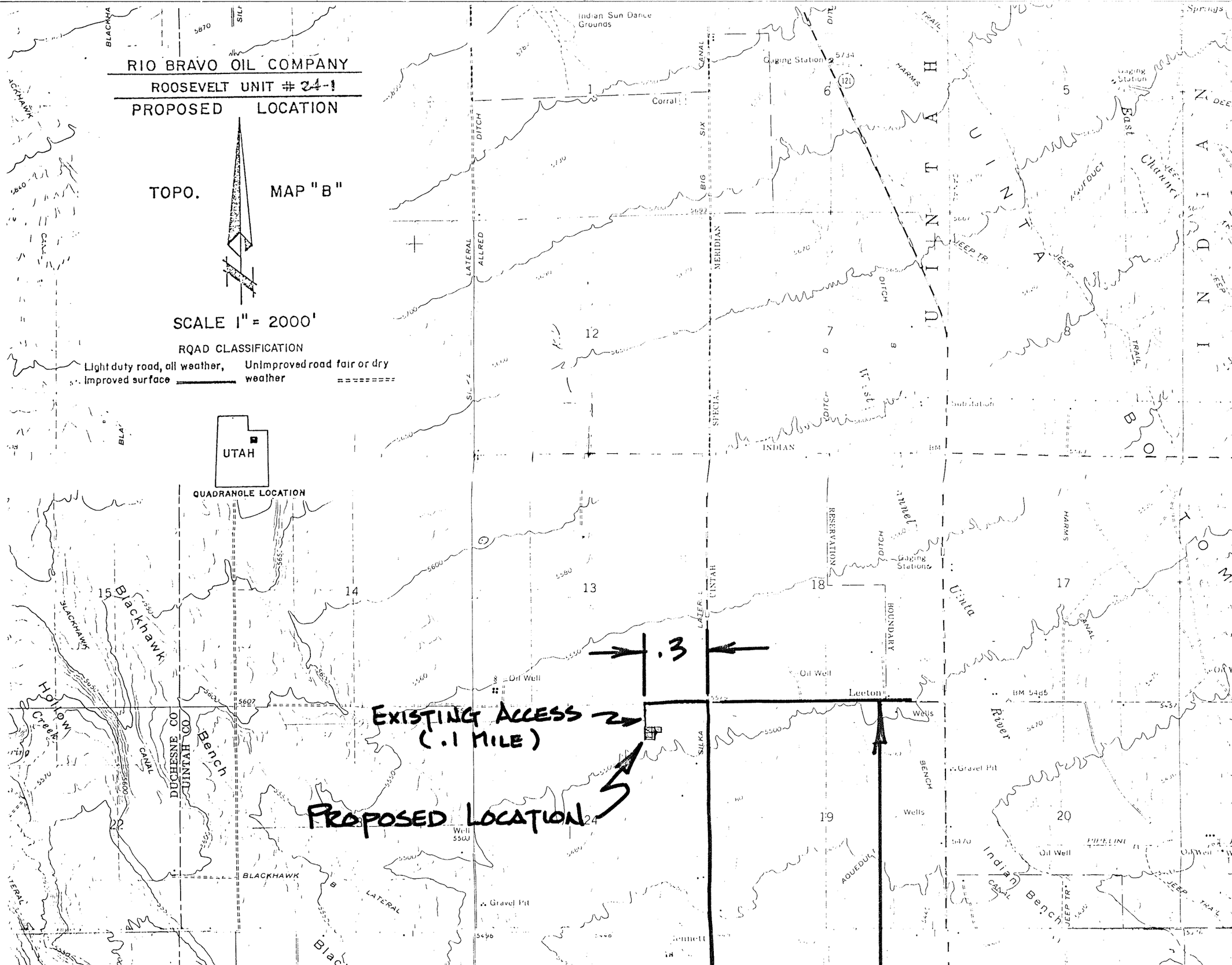
No Scale

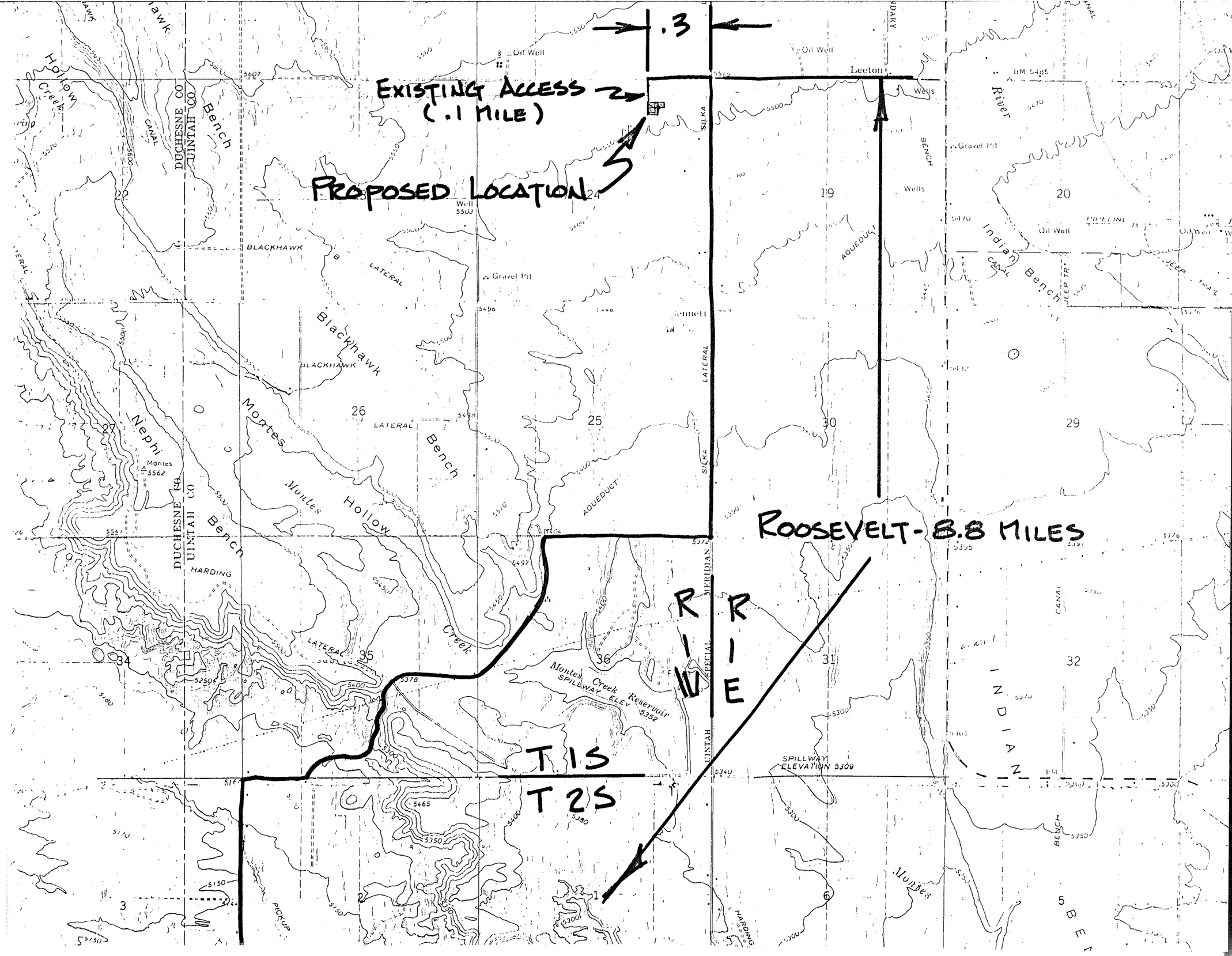


Light Brown

Sandy Clay


RIO BRAVO OIL COMPANY
ROOSEVELT UNIT # A-1
PROPOSED LOCATION
TOPO. MAP "A"
SCALE 1" = 4 MI.
PROPOSED LOCATION
9.2 MILES
ROOSEVELT
UINTAH AND OURAY INDIAN RESERVATION
UINTAH AND OURAY INDIAN RESERVATION
ICE CAVE PEAK
LAKE MOUNTAIN
Elkhorn Ranger Station
Whiterocks
Monarch
Oil wells
Bennett
Roosevelt
Roosevelt Ranch
Cedarview
Altamont
Bluebell
Mt Emmons
Ioka
Arcadia
FLATTOP BUTTE
Myton
Pleasant Valley
Oil Abandoned
Gusher
Duchesne
CLELAND BENCH
Parietta Draw
UTELAND BUTTE
CASTLE PEAK
PARIETTE BENCH
Oil Field
House
Castle Peak Draw
Ranch
Farm
Oil Abandoned
Lapoint
Leeton
Hayden
Oil
Ranch


RIO BRAVO OIL COMPANY
ROOSEVELT UNIT # 24-1
PROPOSED LOCATION
TOPO. MAP "B"
SCALE 1" = 2000'
ROAD CLASSIFICATION
Light duty road, all weather, improved surface
Unimproved road fair or dry weather
UTAH
QUADRANGLE LOCATION
.3
EXISTING ACCESS
(.1 MILE)
PROPOSED LOCATION
Indian Sun Dance Grounds
Gaging Station
Corral
Oil Well
Leeton
Wells
Gravel Pit
Substation
Blackhawk
Hollow
Creek
Bench
DUCHESNE CO
UINTAH CO
Indian Bench
Uinta River
UINTAH
INDIAN
BLACKHAWK
LATERAL
ALLRED
DITCH
BIG SIX
CANAL
SPECIAL
MERIDIAN
RESERVATION
BOUNDARY
HARMS
JEEP TR
AQUEDUCT
PIPELINE
East Channel
Springs
1
5
6
7
8
12
13
14
15
17
18
19
20
22
24



.3
EXISTING ACCESS
(.1 MILE)
PROPOSED LOCATION
ROOSEVELT - 8.8 MILES
R
I
W
R
I
E
T 1S
T 2S
Leeton
Oil Well
Gravel Pit
Wells
Montes Creek Reservoir
SPILLWAY ELEV 5352
SPILLWAY ELEVATION 5309
Montes Hollow
Montes Creek
Nephi Bench
Blackhawk Bench
Indian Bench
Hollow Creek
DUCHESNE CO
UINTAH CO
BLACKHAWK
LATERAL
HARDING
PICKUP
SILKA
AQUEDUCT
UINTAH SPECIAL MERIDIAN
INDIAN

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS DATABASE QUERY

Well Data

WELL SEARCH | WELL DATA | WELL HISTORY | WELL ACTIVITY

WELL NAME: ROOSEVELT UNIT 24-1 API NUMBER: 4304731434 WELL TYPE: OW WELL STATUS: TA *Fr LA

OPERATOR: RIO BRAVO OIL COMPANY ACCOUNT: N9510 # OPERATOR APPROVED BY BLM / BIA

DESIGNATED OPERATOR: ACCOUNT:

FIELD NAME: BLUEBELL FIELD NUMBER: 65 FIRST PRODUCTION: LA | PA DATE: 0 0 0 *Removed LA date

WELL LOCATION:

SURF LOCATION: 0678 FNL 1249 FEL

*FR SENE

Q. S. T. R. M.: NENE | 24 | 01.0 S | 01.0 W | U

COUNTY: UINTAH

UTM Coordinates: *Recalc UTM & Lat/Lon

SURFACE - N: 4471102.00 BHL - N:

SURFACE - E: 590048.00 BHL - E:

LATITUDE: 40.38755

LONGITUDE: 109.93909

CONFIDENTIAL FLAG:

CONFIDENTIAL DATE:

DIRECTIONAL | HORIZONTAL: D – Added

HORIZONTAL LATERALS:

ORIGINAL FIELD TYPE: D

WILDCAT TAX FLAG:

CB-METHANE FLAG:

ELEVATION: 5511' GR

BOND NUMBER / TYPE: 028199238 5

LEASE NUMBER: FEE

MINERAL LEASE TYPE: 4

SURFACE OWNER TYPE: 4

INDIAN TRIBE:

C.A. NUMBER:

UNIT NAME: ROOSEVELT – Added

CUMULATIVE PRODUCTION:

OIL: 0

GAS: 0

WATER: 0

WELL IMAGES | PRODUCTION GRAPH

*Added Comments.

COMMENTS: 050628 FR SENE (PROP BHL);ORIG LA 3-5-85 IN ERROR;NOT DRILLED BUT CONDUCTOR CSG SET, LOC & RESERVE PIT;SPUD DATE & TD UNKNOWN;SEE INSP RECORDS:

Create New Rec | Save | Cancel Change | To History | To Activity | Print Recd | Export Recd

Whistorycursor Record: 1/1 Exclusive NUM

Start | Novell-delivered... | OIL & GAS INF... | Well Selection Cr... | ArcView GIS 3.3 | Novell GroupWis... | GIS Information ... | 12:05 PM

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS DATABASE QUERY

Well Data

WELL SEARCH | WELL DATA | WELL HISTORY | WELL ACTIVITY

API NUMBER 4304731434 TYPE OF WORK DRILL UNIT NAME ROOSEVELT (# Added) LEASE NUMBER FEE TYPE 4

APD DATA

APD RECEIVED	12 21 1983 – Added	PROPOSED DEPTH - APD	10400
APD APPROVED	1 12 1984	PRODUCING ZONE - APD	GRRV
APD EXTENSION DATE		PLANNED START DATE	1 1 1984 – Added
AUTH CODE	A-3	WATER PERMIT	
PROPOSED WELL TYPE	OW	APD CONTACT	B L GRAHAM – Added
SINGLE / MULTIPLE ZONES	S – added	CONTACT PHONE	
LOCATION SURF - APD	0678 FNL 1249 FEL	NEEDS RDCC REVIEW	
LOCATION ZONE - APD	1980 FNL 0660 FEL	RDCC REVIEW DONE	

SPUD DATES

DRY

ROTARY

SUNDRY REPORT

INTENT RECEIVED

WORK COMPLETED

WORK CANCELED

WELL COMPLETION & SUBSEQUENT SUNDRY DATA

LOGS RUN					
REPORT RECEIVED	# Removed LA date	PRODUCING ZONE		DATE FIRST PRODUCED	CHOKE
LOCATION AT TD		MULT. ZONES COMPL.		TEST DATE	TUBING PRES.
DIRECT. | HORIZ.		DIR SURV. | CORED | DST		OIL - 24HR TEST 0	CASING PRES.
LATERALS COMPL.		COMPLETION METHOD		GAS - 24HR TEST 0	API GRAVITY 00.00
COMPLETION DATE	# Removed LA date.	WELL STATUS TA	AR LA	WATER - 24HR TEST 0	BTU - GAS
TD - MD | TVD		WELL TYPE OW		TEST METHOD	GAS-OIL RATIO 0
PBTD MD | TVD		PERFORATIONS			

Added Comments.

COMMENTS Spud date unknown, conductor csg set TD unknown-op proposed setting it at 80 feet in APD, see file.

Get History | Create New Rec | Save | Cancel Change | Next Rec | Prev Rec | Print Recd | Export Recd

Whistorycursor Record: 1/1 Exclusive NUM

Start | Novell-delivered... | OIL & GAS INF... | Well Selection Cr... | ArcView GIS 3.3 | Novell GroupWis... | GIS Information ... | 12:05 PM