

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Bug

9. Well No.

7-A

10. Field and Pool, or Wildcat

~~Bug~~ Undesignated

11. Sec., T., R., M., or Bk. and Survey or Area

7-36S-26E., SLB&M

12. County or Parrish 13. State

San Juan Utah

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

Wexpro Company

3. Address of Operator

P. O. Box 1129, Rock Springs, Wyoming 82901

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

At surface

SW NE 2172' FNL, 2308' FEL UNORTHODOX LOCATION

At proposed prod. zone

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

15 miles southwest of Dove Creek, Colorado

15. Distance from proposed* location to nearest property or lease line, ft.

(Also to nearest drlg. line, if any)

2' from lease line

16. No. of acres in lease

280.47

17. No. of acres assigned to this well

160

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

N/A

19. Proposed depth

6385'

20. Rotary or cable tools

Rotary

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

GR 6653'

22. Approx. date work will start*

Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4	9-5/8	36	2,270	1050 sx reg G w/3% CaCl
8-3/4	5-1/2	17	6,385	To be determined

Well to be drilled to 6385', objective reservoir is Desert Creek from 6295' to 6380', no other producing zones. After surface casing set, install 10" 3000# double gate blowout preventer; after WOC time of 12 hours, pressure test surface casing, preventer rams and kelly cock to 2500# for 15 minutes using rig pump and drilling mud. No DST's or coring anticipated. Logs: Dual Induction Laterolog, Formation Density, Compensated Neutron, Gamma Ray caliper log from surface casing to total depth. If production, run 6385' of 5 1/2", 17#, K-55, 8rd thd, LT&C casing, cement requirements will be based on actual hole size as determined by caliper portion of the sonic log. All ram type BOP's will have hand wheels installed and operative at the time the preventers are installed. We cannot anticipate details of shooting, acidizing or fracturing at this time. No H₂S, coal, or major water flows expected. Top of salt expected at 6380'.

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 P. Martin

Title Asst. Drlg Supt

Date 10-1-81

(This space for Federal or state office use)

Permit No. Approval Date

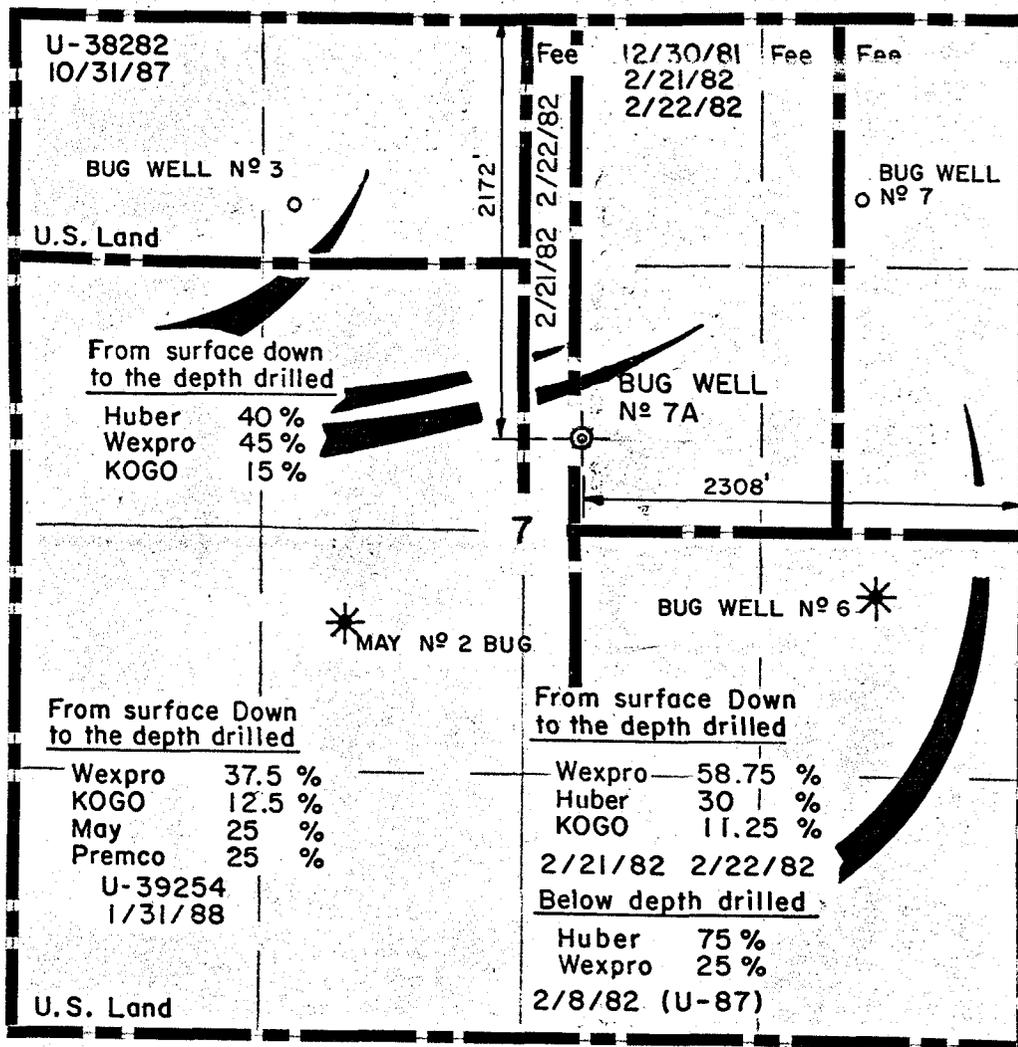
Approved by Title

Conditions of approval, if any:

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

DATE: 10-15-81
BY: M. J. Minder

T.36S.,R.26E.,S.L.B.&M.
SAN JUAN COUNTY, UTAH



LOCATION PLAN
SCALE 1" = 1000

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.

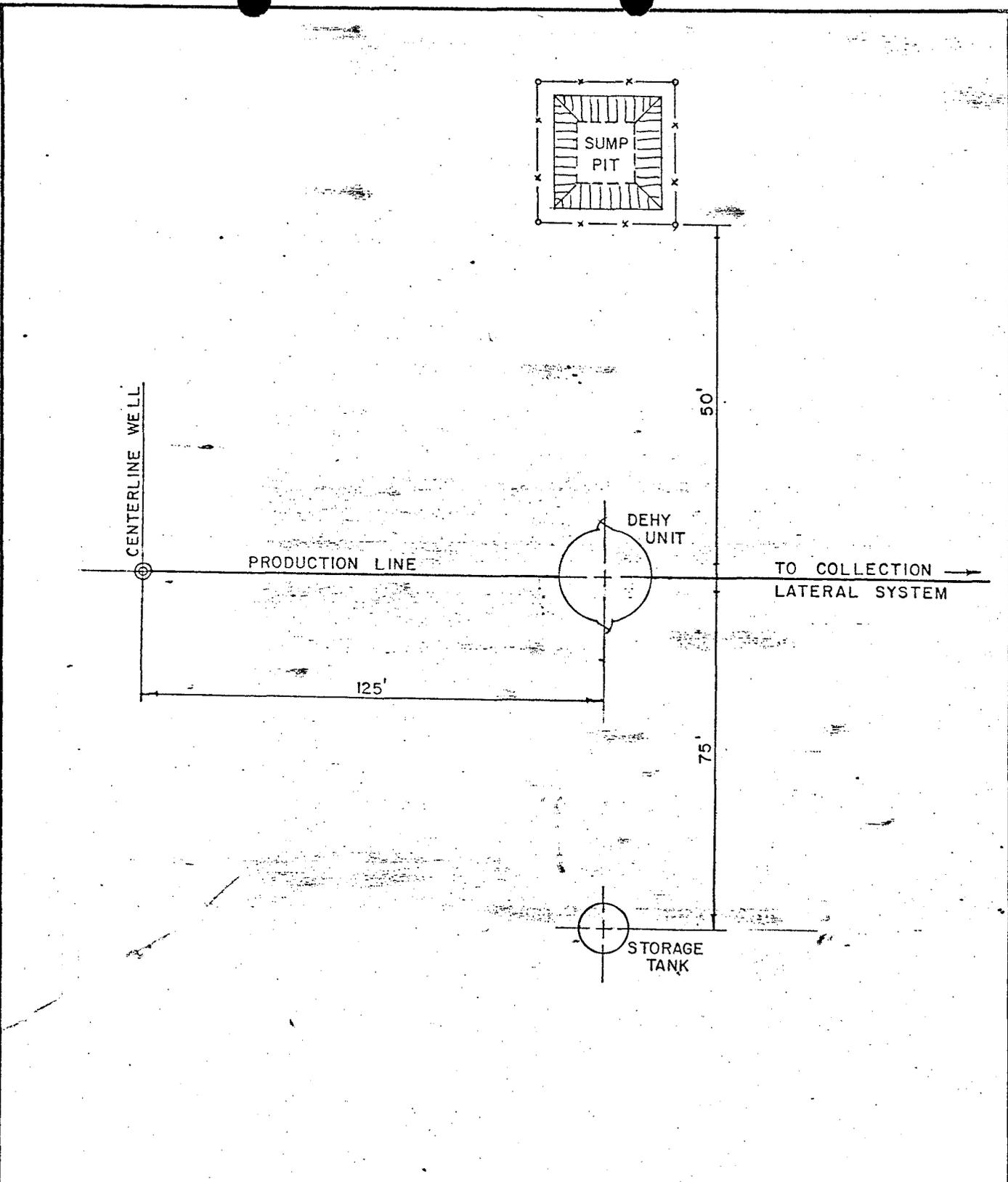
LEGEND

- ⊕ Well
- ⊕ Stone Corner
- ⊕ Pipe Corner

Thomas W. Harvey
ENGINEER

THOMAS W. HARVEY UTAH REGISTRATION L.S. No 3824

ENGINEERING RECORD		 WEXPRO COMPANY CERTIFIED WELL LOCATION AND WELL SITE PLAN BUG WELL No 7A
SURVEYED BY	BUSH & GUDGELL	
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>	
LOCATION DATA		
FIELD	BUG - PATTERSON	DRAWN: 9-24-81 R-C-P SCALE: 1" = 1000
LOCATION:	SW 1/4, NE 1/4 SECTION 7 T 36 S, R 26 E 2172' FNL, 2308' FEL	
SAN JUAN COUNTY, UTAH		CHECKED: <i>AWJ</i> DRWG. NO. M-16305
WELL ELEVATION: 6653 "AS GRADED" BY ELECTRONIC VERTICAL ANGLES FROM COMPANY BENCH MARK.		
APPROVED:		1/4



REVISIONS			
NO.	DESCRIPTION	DATE	BY

WEXPRO COMPANY

TYPICAL PRODUCTION
FACILITIES LAYOUT
FOR
BUG WELL No 7A

DRAWN: 7/9/76	FJC	SCALE: NONE
CHECKED:		DRWG. NO. M-12205
APPROVED:		

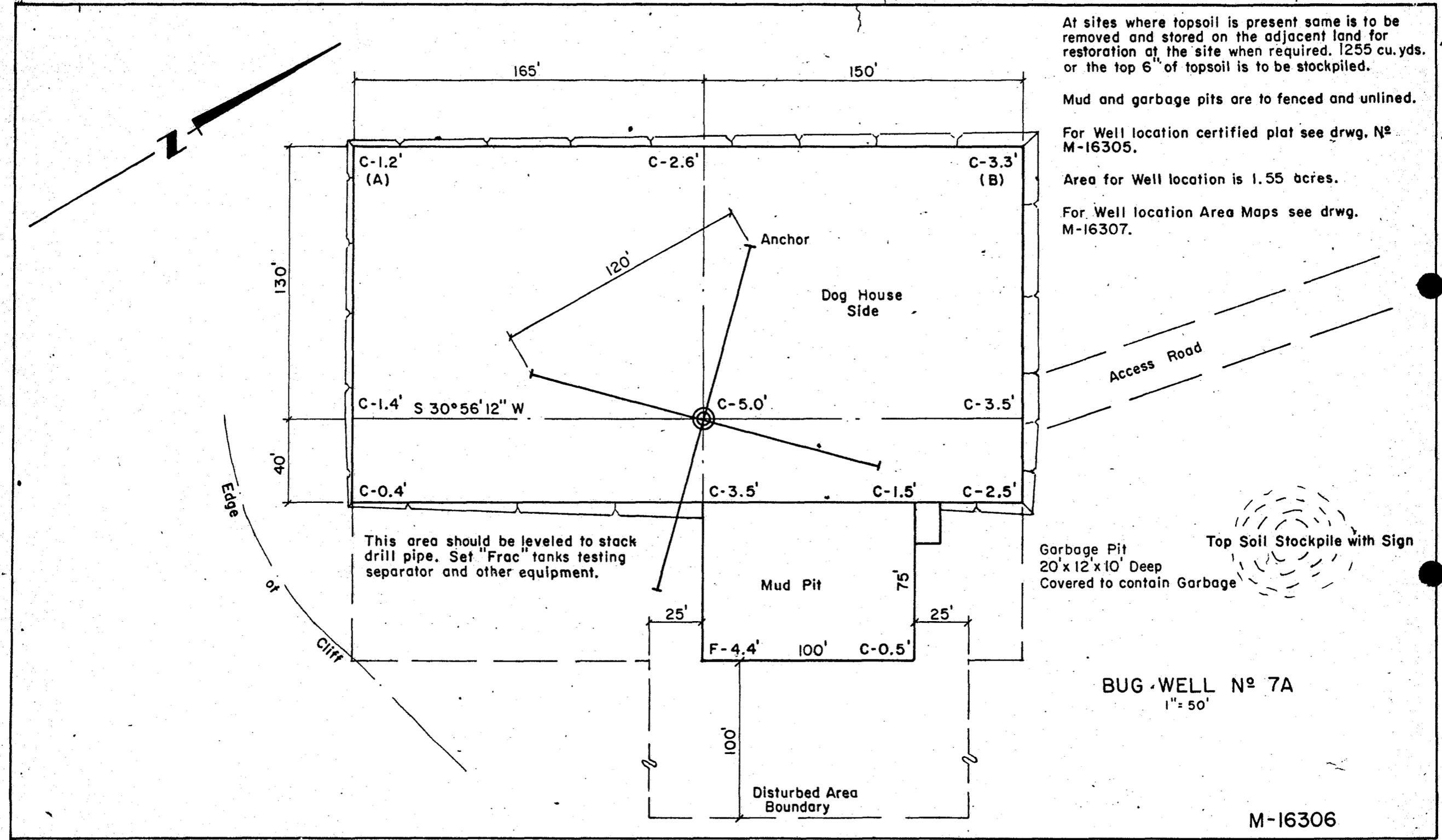
At sites where topsoil is present same is to be removed and stored on the adjacent land for restoration at the site when required. 1255 cu.yds. or the top 6" of topsoil is to be stockpiled.

Mud and garbage pits are to fenced and unlined.

For Well location certified plat see drwg. N^o M-16305.

Area for Well location is 1.55 acres.

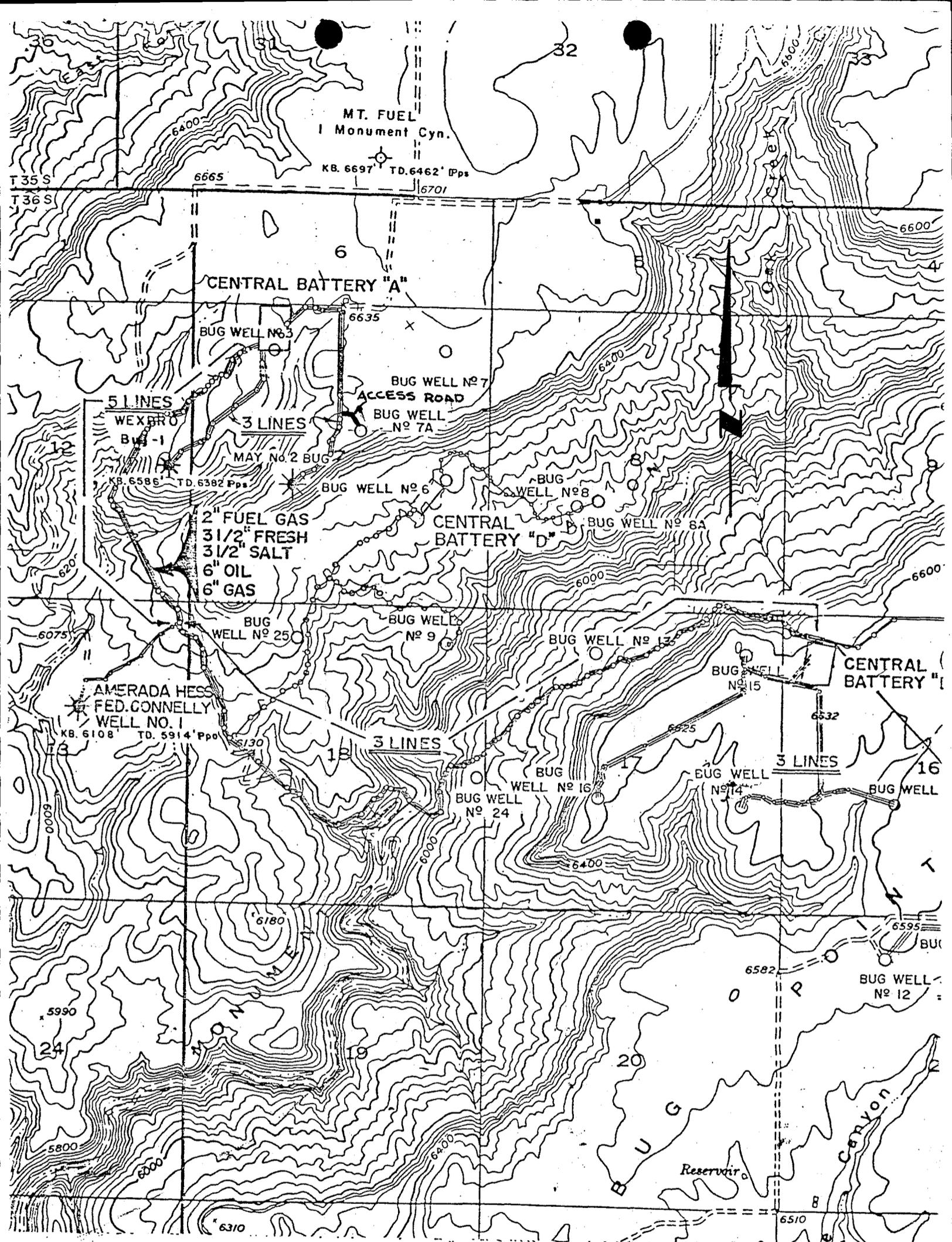
For Well location Area Maps see drwg. M-16307.



BUG WELL N^o 7A
1" = 50'

M-16306

WELL LOCATION ORIG



AREA MAP
 FOR
 BUG WELL LOCATIONS
 AND
 BUG N^o 7A

M-16307

9/29/61 CFW



WEXPRO COMPANY

141 EAST FIRST SOUTH • P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 532-6207

October 6, 1981

State of Utah
Department of Natural Resources
Division of Oil and Gas
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

RE: Application for Permit to Drill
Bug Well No. 7-A
San Juan County, Utah

The Desert Creek formation for the Bug Field has been spaced under Cause No. 186. This spacing order provides for 160-acre spacing per well with a permitted location in the NE quarter-quarter-section of each spacing unit. This order also provides for administrative approval for unorthodox locations for reasons of topography or geology.

The location which has been staked for Bug Well No. 7-A is an unorthodox location. This location has been staked for geological reasons. The location plan which shows the leases and working interest owners for Section 7 includes the locations for Bug Well Nos. 2, 3, 6, the proposed location for 7-A, and the abandoned location for No. 7. Bug Well No. 3 was drilled to the Desert Creek formation and abandoned as an oil and gas well. It is presently being utilized as a fresh-water source well. Bug Wells Nos. 2 and 6 were drilled to the Desert Creek formation and completed as oil and gas wells in that formation. Not shown on the location plan is Bug Well No. 8, which was drilled at a location in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 8, the spacing unit east of Bug Well No. 6. Bug Well No. 8 was drilled to the Desert Creek formation, which was found to be dry, and the Well was subsequently plugged back and completed in a shallower formation.

Evidence presented to the Utah State Oil and Gas Commission on spacing matters in the Bug Field supports this company's interpretation that the pattern location for a Desert Creek well in the NE $\frac{1}{4}$ of Section 7, Township 36 South, Range 26 East, would result in a dry hole. In addition, our interpretation of the geology would indicate that the only location having any geologic merit would be in the extreme southwest corner of this spacing unit. This location has been selected as being nearly equidistant from the No. 2 and No. 6 Wells.

---continued

State of Utah
Department of Natural Resources
October 6, 1981
Page 2

Under letters of this date, the offsetting owners in the S $\frac{1}{2}$ of Section 7, who are not also working interest owners in the proposed Well No. 7-A, are being contacted for their consent to this unorthodox location. A copy of this letter is attached.

Very truly yours,



R. E. Pittam
Staff Landman

REP/lca

Enclosure

** FILE NOTATIONS **

DATE: October 15, 1981

OPERATOR: Stepco Company

WELL NO: Bug 7-A

Location: Sec. 7 T. 36S R. 26E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30730

CHECKED BY:

Petroleum Engineer: M.S. Minder 10-15-81

Director: OK as per order case 186-1

Administrative Aide: As Per Order

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 186-1, 2-27-80

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 Lee

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 19, 1981

Mexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

RE: Well No. Bug #7-A,
Sec. 7, T. 36S, R. 26E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 186-1, dated February 27, 1980.

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

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

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

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

The API number assigned to this well is 43-037-30730.

Sincerely

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: OGB

COMPLETION REPORT (cont.)

Well: BUG #7-A

Area: Bug Field

Cored Intervals (recovery): Core #1: 6345-6405' (60' cut & recovered) analyzed by Core Lab, Inc.

Tabulation of Drill Stem Tests:

<u>No.</u>	<u>Interval</u>	<u>IHP</u>	<u>IFP (min.)</u>	<u>ISIP (min.)</u>	<u>FFP (min.)</u>	<u>FSIP (min.)</u>	<u>FHP</u>	<u>Samples Caught</u>	<u>Remarks</u>
1	5823-5873'	2763	156-158 (29)	728 (59)	113-258 (121)	1718 (180)	2768	Gas, wtr, mud	Rec 190' wtr, 320' mud, GTS, NETG
2	6356-6430'	3735	298-393 (30)	670 (59)	443-511 (89)	651 (120)	3720	Mud	Rec 750' mud, NGTS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Wexpro

WELL NAME: Bug Well 7-A

SECTION SWNE 7 TOWNSHIP 36S RANGE 26E COUNTY San Juan

DRILLING CONTRACTOR Mesa Drillers

RIG # 1

SPUDDED: DATE 12-11-81

TIME 5:15 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Paul Zubatch

TELEPHONE # 307-382-9791

DATE December 11, 1981

SIGNED AS

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: WEXPRO

WELL NAME: Bug 7A

SECTION 7 TOWNSHIP 36S RANGE 26E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 6430'

CASING PROGRAM:

9 5/8" @ 2270'

FORMATION TOPS:

Morrison	Surface
Summerville	1077'
Entrada	1105'
Carmel	1262'
Navajo	1295'
Chinle	1990'
Shinarump	2716'
Culter	2950'
Honaker Trail	4702'
Pardox	5381'
Ismay	6050'
Ismay Shale	6125'
Low Ismay	63029'
"B" Zone Shale	6250'
Desert Creek	6306'
Desert Creek	
Prosity	6361'
Akah	6380'
Pardox Salt	6429'

PLUGS SET AS FOLLOWS:

6350 - 6250 50 sax regular
5430 - 5330 50 sax salt sat.
4750 - 4650 50 sax
3000 - 2900 50 sax
2370 - 2170 80

will leave casing flang on well. Weld on plate. Hold for water well.

DATE January 8, 1982

SIGNED _____

C.B. Feight

BUG
Lease Name _____ Well No. 7-A Test No. 1 5823' to 5873'
Tested Interval _____ MEXPRO COMPANY
Lease Owner/Company Name _____

981885
Ticket Number _____ Camp _____ FARMINGTON _____ Date _____ 12-28-29-81 _____ 2033 2032 _____ Gauge Number(s) _____

RECEIVED

JAN 12 1982



DIVISION OF
OIL, GAS & MINING

TICKET NO. 981885 DATE 12-28-29-81 HALLIBURTON CAMP FARMINGTON

LEASE OWNER WEXPRO COMPANY PW/ bj

LEASE NAME BUG WELL NO. 7-A TEST NO. 1

LEGAL LOCATION 7 36S 26E FORMATION TESTED ESAMAY

FIELD AREA COUNTY SAN JUAN STATE UTAH

TYPE OF D.S.T. OPEN HOLE

TESTER(S) RON ROCKOS

WITNESS DOUG REDMAN MIKE SLIGER DRILLING CONTRACTOR MESA DRILLING

DEPTHS MEASURED FROM KELLY BUSHING CASING PERFS (FT.)

TYPE AND SIZE OF GAS MEASURING DEVICE GAS METER

CUSHION DATA

TYPE AMOUNT WEIGHT (lb./gal.)

TYPE AMOUNT WEIGHT (lb./gal.)

RECOVERY (ft. or bbl.):

510 total
190 feet of water
320 feet of mud

FLUID PROPERTIES

SOURCE	RESISTIVITY	CHLORIDES (PPM)	SOURCE	RESISTIVITY	CHLORIDES (PPM)
Mud pit	1.58 @ 56 °F	4600	Sampler	1.619@ 62 °F	4050
Top recovery	1.601@ 60 °F	4200		@ °F	
Middle recovery	1.568@ 62 °F	4200		@ °F	

REMARKS:

SEE PRODUCTION TEST DATA SHEET....COMPANY MAN WEXPRO KEPT 2 GAS SAMPLE BOTTLES....

TICKET NO. 981885 DATE 12-28-29-81 ELEVATION (FT.) 6653'
 TOP OF TESTED INTERVAL (ft.) 5823' BOTTOM OF TESTED INTERVAL (ft.) 5873'
 NET PAY (ft.) 37' TOTAL DEPTH (ft.) 5873'
 HOLE OR CASING SIZE (in.) 8.75" MUD WEIGHT (lb./gal.) 9.0 VISCOSITY (sec.) 42
 SURFACE CHOKE (in.) .75" BOTTOM CHOKE (in.) _____
 OIL GRAVITY _____ @ _____ °F GAS GRAVITY—ESTIMATED _____ ACTUAL _____

SAMPLER DATA

PRESSURE (P.S.I.) 900 CUBIC FT. OF GAS 37.015
 C.C.'s OF OIL _____ C.C.'s OF WATER 2200
 C.C.'s OF MUD _____ TOTAL LIQUID C.C.'s 2200

TEMPERATURE (°F)

ESTIMATE _____
 ACTUAL 118
 DEPTH (ft.) 5870
 H.T.-500 ; THERMOMETER ;
 T.E. OR R.T.-7 ; OTHER
 SERIAL NO. _____

GAS/OIL RATIO (cu. ft. per bbl.)

FROM SAMPLER _____ OTHER _____

RECORDER AND PRESSURE DATA

CHARTS READ BY _____ DATA APPROVED BY L. A. WILLINGER

RECORDERS	GAUGE NUMBER	2033	2032			TIMES (00:00-24:00 HRS.)	
	GAUGE TYPE	1	2			TOOL OPENED	<u>0310</u>
	GAUGE DEPTH (ft.)	5800	5870			DATE	<u>12-29-81</u>
	CLOCK NUMBER	14128	13741			BYPASS OPENED	<u>0940</u>
	CLOCK RANGE (HR.)	24	24			DATE	<u>12-29-81</u>
	INITIAL HYDROSTATIC	2763.9	2801.3			PERIOD	MINUTES
	INITIAL FLOW	156.0	196.3			XXX	XXX
P	1st. FINAL FLOW	158.2	183.0			1st. FLOW	29.1
	CLOSED-IN	728.0	749.3			1st. C.I.P.	59.2
R	INITIAL FLOW	113.9	126.8			XXX	XXX
	2nd. FINAL FLOW	258.7	290.5			2nd. FLOW	121.6
S	CLOSED-IN	1718.0	1753.6			2nd. C.I.P.	180.1
	INITIAL FLOW					XXX	XXX
U	3rd. FINAL FLOW					3rd. FLOW	
	CLOSED-IN					3rd. C.I.P.	
R	INITIAL FLOW					XXX	XXX
	3rd. FINAL FLOW					3rd. FLOW	
S	CLOSED-IN					3rd. C.I.P.	
	FINAL HYDROSTATIC	2768.6	2808.8			XXX	XXX

WEXPRO COMPANY
 Lease Owner/Company Name

981885
 Ticket Number

B.T. 2033

B.T. 2032

B.T. _____

Depth 5800'

Depth 5870'

Depth _____

Time (minutes)	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
FIRST FLOW			FIRST FLOW					
0		156.0	0		196.3			
5		132.7	5		153.4			
10		146.4	10		162.9			
15		150.3	15		169.9			
20		152.8	20		175.1			
25		153.6	25		177.5			
29.1		158.2	29.1		183.0			
FIRST CLOSED-IN			FIRST CLOSED-IN					
0		158.2	0		183.0			
59.2		728.0	59.2		749.3			
SECOND FLOW			SECOND FLOW					
0		113.9	0		126.8			
20		216.8	20		237.9			
40		226.0	40		248.9			
60		226.5	60		252.0			
80		237.1	80		264.5			
100		248.0	100		273.2			
121.6		258.7	121.6		290.5			
SECOND CLOSED-IN			SECOND CLOSED-IN					
0		258.7	0		290.5			
15		358.2	15		402.8			
30		465.8	30		513.0			
45		582.5	45		628.8			
60		703.2	60		742.0			
75		827.2	75		862.5			
90		958.4	90		988.0			
105		1095.5	105		1124.1			
120		1233.4	120		1265.2			
135		1374.3	135		1408.9			
150		1505.9	150		1542.5			
165		1622.4	165		1656.5			
180.1		1718.0	180.1		1753.6			

Remarks: _____

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 981885
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date	a.m.	Choke	Surface	Gas	Liquid	Remarks
Time	p.m.	Size	Pressure	Rate	Rate	
			psi	MCF	BPD	
12-28-81						
2230						On location-2 hours late due to wrong directions called in to yard to notify company man.
2300						Made up tools.
12-29-81						
0015						Tripped in hole with tools.
0307						Took weight on string.
0310						Opened tool with no mud lost on back side. 30 minutes. No blow.
0314						Slight blow.
0320						Good blow.
0325		1.5				Continued with a good blow.
0326		2				"
0328		2				Company man opened adjustable choke to flare in pit. No flame.
0340						Closed tool.
0440		1.5				Reopened tool with a good blow.
0445		2.5				Company man opened adjustable choke to flare in pit. Flared gas burned.
						Continued good blow.
0450						Closed bubble manifold gauge. PSI on 1/4" choke.
0500						Closed adjustable choke-opened bubble tube-decreased in PSI and blow.
(Continued)						

Tool Description	O.D.	I.D.	Length	Depth
DRILL PIPE	4.50"	3.826"	5067'	5067'
DRILL COLLARS	6.00"	2.25"	630'	5067'
CIRCULATING SUB	5.00"	2.50"	1'	5607'
DRILL COLLARS	6.00"	2.25"	90'	5698'
CROSSOVER	5.00"	2.50"	1'	5788'
SAMPLER	5.00"	.87"	7'	5788'
HYDROSPRING TESTER	5.00"	.75"	5'	5799'
AP CASE	5.00"	2.25"	4'	5800'
JARS	5.00"	.87"	6'	5804'
VR SAFETY JOINT	5.00"	1.00"	3'	5810'
PACKER	7.75"	1.53"	6'	5817'
PACKER	7.75"	1.53"	6'	5823'
CROSSOVER	5.00"	2.50"	1'	5825'
DRILL COLLARS	6.00"	2.25"	30'	5826'
CROSSOVER	5.00"	2.50"	1'	5856'
PERFORATED ANCHOR	5.00"	2.50"	12'	5857'
BT CASE	5.00"	2.50"	4'	5870'
TOTAL DEPTH				5873'



Décollement Consulting, Inc.

Denver, Colorado

COMPANY: **WEXPRO COMPANY**

WELL: **BUG 7-A**

Location: **SW NE Sec 7 Twp 36 S Rge 26 E**

State: **SAN JUAN CTY, UTAH**

Depth Logged From: **4800'** To: **6400'**

Date Logged From: **12/20/81** To: **1/7/82**

Geologist: **DOUG REDMOND**

Drilling Fluid: **FRESH WATER GEL**

DRILLING LEGEND

NB New Bit
 RRB Rerun Bit
 DB Diamond Bit
 TB Turbo Bit
 CB Core Bit
 DCB Diamond Core Bit
 DS Deviation Survey
 W/B Weight on Bit
 RPM Rotation (Rev./Min.)
 LC Lost Circulation
 NR No Returns
 TG Trip Gas
 PP Pump Pressure

ENGINEERING LEGEND

Core No. 1
 Recovery 95%
 Drill Stem
 Test No. 1

MUD DATA

V Viscosity
 W Weight in lbs./gal.
 WL Filtrate in cc
 FC Filter Cake
 CL Chloride Content (ppm)
 Rm Mud Resistivity (Ω)
 Rmf Mud Filtrate Resistivity (Ω)

OIL SHOWS — Stain Present

● Even staining
 Fluoresces in solvent
 ⓪ Spotted staining
 Fluoresces in solvent
 D Dead
 Asphaltic, bitumen, etc.
 ○ Questionable
 No fluorescence in solvent

LEGEND

Use exclusively American Stratigraphic Service Symbols

	Conglomerate		Coal
	Sand		Chert
	Siltstone		Salt
	Shale		Bentonite
	Limestone		Siliceous
	Dolomite		Igneous
	Anhydrite		Volcanic
	Gypsum		Metamorphic

GAMMA RAY

API Units

Drilling Rate (Min/Ft)

% Lithology

Depth

Porosity

Interpreted Lithology

Crystal, Grain or Fragment Size

GEOLOGICAL COMMENTS

VPS

DEPT 61 W/ FRESH WATER

PPM 54
WDP 35
PP 1350
SPM 54

12/21/81

HONAKER TRAIL

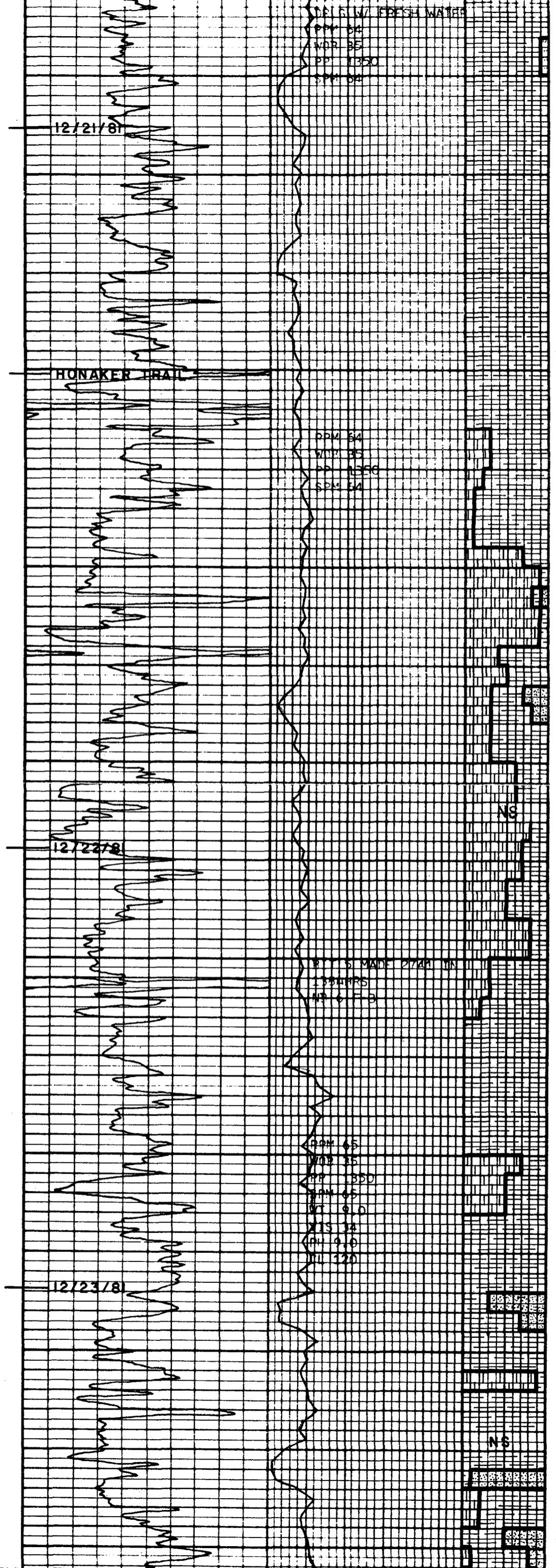
PPM 54
WDP 35
PP 1350
SPM 54

12/22/81

PPM 54 MADE 2/7/81
WDP 35
PP 1350
SPM 54

12/23/81

PPM 65
WDP 35
PP 1350
SPM 65
ST 9.0
TS 34
PH 9.0
TL 120



SH brn-red,ora,smth, calc,sl,slty,ip,mott to
lt grn,brt,frm
SLTST,ora,brick red,sm
vfsndy,calc,frm
SS wh,ora,clr,vfgrn,unconsol
SH ora,brick red,maroon,
smth,calc,mott,wxy,
penteritic,frm,ored brit
TR obsidian
SH ora,red,maroon,smth,
sl,slty,ip,calc,mott,
sft-frm,sm ltgy-grn,smth,
sl,calc,frm
TR LS ltgy,vfmicxln,frm
SS ora,clr,vfgrn,unconsol
SH aa,brn,ored m-dkgy,red-
bwn,mbwn,smth,v sl,calc,
mica,slty,ip,mott,sft-frm
SH ltgy,ltgrn,sl,slty,ip,
frm

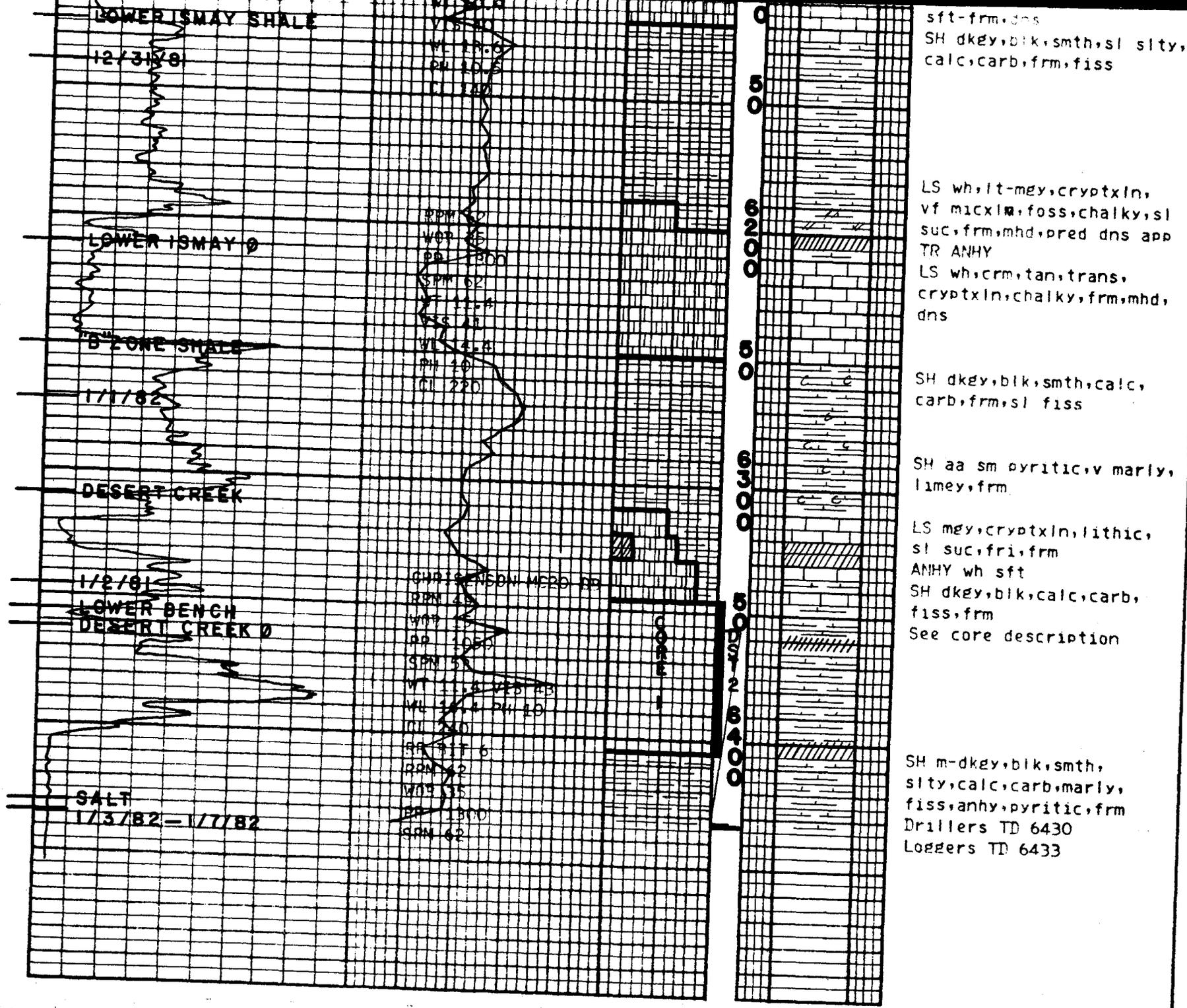
LS wh,ltgy,trans,cryptxln,
vfmicxln,sl lithic,
chalky,ip,sl,sn dy,sft-frm
SH bwn,lav,ltgy-grn,smth,wxy,
sft-frm
LS wh,crm,ltgy,trans,suc,
dolo,v foss,frm,dns

LS lt-mgy,tan,ored cryptxln,
vfmicxln,suc,sl fr,dns
app,sl,sn dy,frm
SS clr,ora,vfgrn,unconsol
LS wh,crm,lt-mgy,tan,
cryptxln,trans,dns,frm
SH dkbn,ltgy-grn,smth,
mica,slty,calc,frm
SS clr,wh,ora,vfgrn,ang,
arkosic,unconsol,vfr
SH dkbn-maroon,slty,mica,
calc,frm

LS wh,lt-mgy,tan,trans,
cryptxln,sl,chalky,ip,
sft-frm,dns app
SH dkgy,sl,slty,sl,calc,
frm,brt
Mudding up
LS wh,lt-mgy,tan,trans,
cryptxln,vfmicxln,frm,
mhd,dns

LS aa,sm,chalky,wxy,sft
SH m-dkgy,choc bwn,vfsndy,
slty,mica,calc,sm vlimey
LS ltgy,cryptxln,lithic
SH red-bwn,m-dkgy,slty,
vf,sn dy,calc,frm
SH mbwn,choc bwn,slty,
sm vf,sn dy,calc,brt,frm
VPS
SS clr,wh,vfgrn,sbrdd,
unconsol
SH red-bwn,choc bwn,
vf,sn dy,slty,sl mica,frm
LS wh,ltgy,sl,trans,
cryptxln,v sl,dolo,sl,chalky
sft,frm,mhd
LS aa,lithic,sm thinly
lam w/ sh,vf,sn dy,ip
SH mgy-grn,choc bwn,vf
sn dy,calc,brt,frm

SH red-bwn,choc bwn,sl
anhy,vf,sn dy,v slty,mica,
calc,brt,frm
SS clr,wh,ltgy,vf-mgrn,
sbrdd-sbrdd,pcem,msrtd,
unconsol,qtzose,NFSOC
SH m-dkgy,choc bwn,slty,mica,
calc,frm
LS wh,ltgy,mgy,cryptxln,
vfmicxln,sl shaly,ip,
frm,mhd,dns
SH m-dkgy,slty,sl mica,
limey,foss,sl fiss,brt,
frm,mhd
SS clr,wh,vf-fgrn,qtzose,calc
sbrdd,p-msrtd,fr,frm,tr
yel fluo,pp dk dead stng,
v ft yel cut
SH m-dkgy,smth,pyritic,



PRELIMINARY REPORT

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE NO. 1

NEXPRO COMPANY
 BJO NO. 7-A
 BJO
 SAN JUAN COUNTY

FORMATION : DESERT CREEK
 DRLO, FLJID: N.B.M.
 LOCATION : SW, NE SEC. 7-36S-26E
 STATE : UTAH

DATE : 1-2-82
 FILE NO. : R-3-3180
 ANALYSTS : GGDG
 ELEVATION: 6657 GL

CONVENTIONAL CORE ANALYSIS--BOYLES LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ. VERTICAL	POR. B.L.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION
	6345-6352					ANHYDRITE/SHALE - NO ANALYSIS
	6352-6356					ANHYDRITE - NO ANALYSIS
	6356-6357					ANHY/DOL - NO ANALYSIS
1	6357-58	<0.01	1.7	0.0 64.0	2.73	DOL-BRN, VF XLN, SL/SHL
2	6358-59	0.03	4.2	0.0 62.1	2.75	DOL-BRN, VF XLN, SL/SHL, SL/ANHY
3	6359-60	<0.01	4.3	0.0 74.0	2.73	DOL-BRN, VF XLN, SL/SHL, SL/ANHY
4	6360-61	0.02	5.8	0.0 65.8	2.84	DOL-BRN, VF XLN, SL/SHL
5	6361-62	<0.01	3.9	0.0 63.6	2.74	DOL-BRN, VF XLN, SL/SHL
6	6362-63	<0.01	1.3	0.0 31.8	2.70	DOL-BRN, VF XLN, SL/SHL
7	6363-64	<0.01	2.1	8.1 48.9	2.73	DOL-BRN, VF XLN, SHL
	6364-6369					DOLOMITE/SHALE - NO ANALYSIS
	6369-6386					SHALE - NO ANALYSIS
	6386-6391					LIMESTONE - NO ANALYSIS
	6391-6394					DOLOMITE/SHALE - NO ANALYSIS
	6394-6397					LIMESTONE - NO ANALYSIS
	6397-6399					DOLOMITE - NO ANALYSIS
	6399-6404					ANHYDRITE - NO ANALYSIS

RECORDED
 JAN 13 1982

DIVISION OF
 OIL, GAS & MINING

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY WEXPRO COMPANY FIELD BUG FILE RP-3-3180
 WELL BUG NO. 7-A COUNTY SAN JUAN DATE 1-3-82
 LOCATION SW, NE SEC. 7-36S-26E STATE UTAH ELEV. 6657 GL

CORE-GAMMA CORRELATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted), but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

CORE-GAMMA SURFACE LOG (PATENT APPLIED FOR)

GAMMA RAY
RADIATION INCREASE
→

COREGRAPH

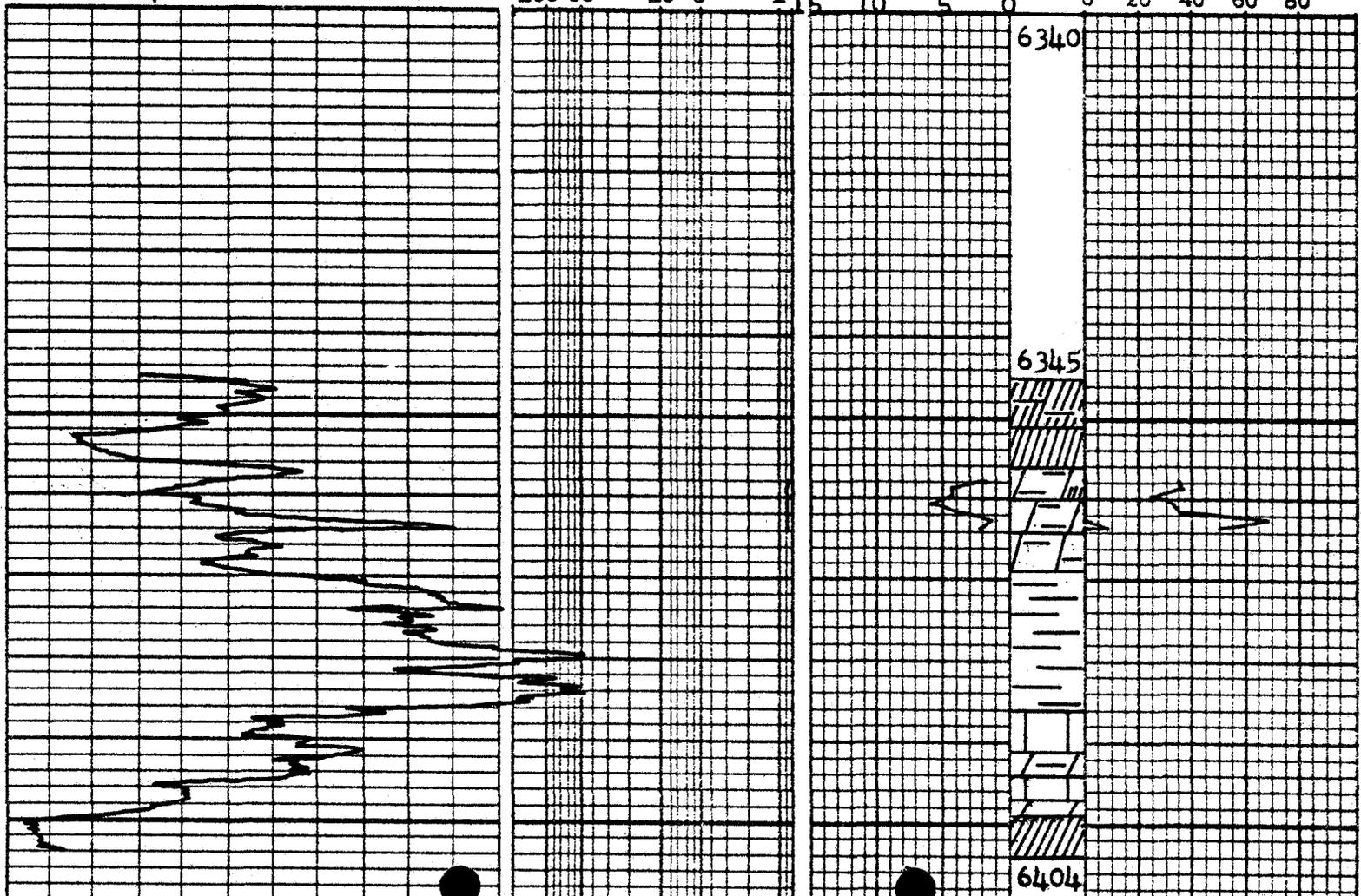
TOTAL WATER ———
PERCENT TOTAL WATER
80 60 40 20 0

DESERT CREEK FORMATION

PERMEABILITY ———
MILLIDARCYs
100 50 10 5

POROSITY ———
PERCENT
15 10 5 0

OIL SATURATION - - - - -
PERCENT PORE SPACE
0 20 40 60 80



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

SUBMIT **DUPLICATE***
 (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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee																				
2. NAME OF OPERATOR Wexpro Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -																				
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		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 SW NE 2172' FNL, 2308' FEL		8. FARM OR LEASE NAME Bug																				
14. PERMIT NO. 43-037-30730		9. WELL NO. 87A																				
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6665.40' GR 6653'		10. FIELD AND POOL, OR WILDCAT Bug																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-36S-26E., SLB&M																				
<table border="0" style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> NOTICE OF INTENTION TO: <table border="0" style="width:100%;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input checked="" type="checkbox"/> Supplementary History</td> <td></td> </tr> </table> </td> <td style="width:50%; vertical-align: top;"> SUBSEQUENT REPORT OF: <table border="0" style="width:100%;"> <tr> <td style="width:50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> </td> </tr> </table>		NOTICE OF INTENTION TO: <table border="0" style="width:100%;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input checked="" type="checkbox"/> Supplementary History</td> <td></td> </tr> </table>	TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Supplementary History		SUBSEQUENT REPORT OF: <table border="0" style="width:100%;"> <tr> <td style="width:50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <input type="checkbox"/>		12. COUNTY OR PARISH San Juan
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(Other) <input type="checkbox"/>																						
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.)*		18. STATE Utah																				

TD 6430', well spudded on December 11, 1981 at 5:15 a.m., landed 9-5/8", 36#, K-55, 8rd thd, ST&C casing at 2270.43' KBM, set with 600 sacks cement with 6-1/4# per sack Gilsonite, 1/4# per sack flocele and 2% calcium chloride followed with 200 sacks class B cement treated with 3% calcium chloride, returned 60 barrels slurry to surface, cement in place at 11:30 a.m. on December 15, 1981.

DST #1: 5826-5873', Ismay, IO 1/2 hr, ISI 1 hr, FO 2 hrs, FSI 3 hrs, opened weak, NGTS, reopened strong, gas in 5 minutes NETG, recovered 320' mud and 190' water, IHP 2778, IOFP's 132-159, ISIP 740, FOFP's 106-265, FSIP 1716, FHP 2778.

DST #2: 6356-6430', Desert Creek, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 3 hrs, opened with weak blow on both openings, NGTS, recovered 750' gas cut mud, IHP 3736, IOFP's 318-398, ISIP 662, FOFP's 425-504, FSIP 636, FHP 3736.

As there are no commercial quantities of oil or gas, we would like to plug the well to 2170' and convert it to a fresh water source by laying the following plugs:

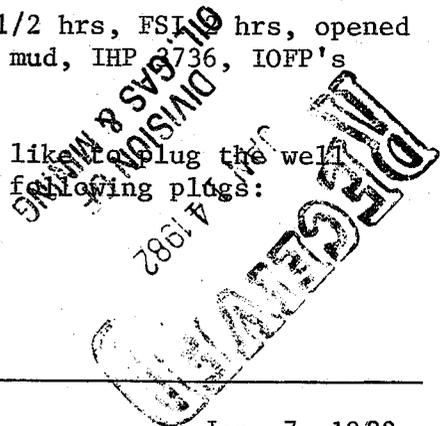
- Plug No. 1: 6350-6250', 50 sacks
- Plug No. 2: 5430-5330', 50 sacks
- Plug No. 3: 4750-4650', 50 sacks
- Plug No. 4: 3000-2900', 50 sacks
- Plug No. 5: 2370-2170', 80 sacks

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

SIGNED Lee Martini TITLE Asst. Drlg Supt DATE Jan. 7, 1982

(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

5. LEASE DESIGNATION AND SERIAL NO.
Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-
7. UNIT AGREEMENT NAME
-
8. FARM OR LEASE NAME
Bug
9. WELL NO.
7-A
10. FIELD AND POOL, OR WILDCAT
Bug UNDESIGNATED
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
7-36S-26E., SLB&M

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW NE 2172' FNL, 2308' FEL SWNE
At top prod. interval reported below
At total depth

12. COUNTY OR PARISH San Juan
13. STATE Utah

14. PERMIT NO. 43-037-30730
DATE ISSUED 10-15-81

15. DATE SPUDDED 12-11-81
16. DATE T.D. REACHED 1-2-82
17. DATE COMPL. (Ready to prod.) 1-8-82
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 6665.40' GR 6653'
19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6430
21. PLUG, BACK T.D., MD & TVD 2170
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Plugged - converted to fresh water source
25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CNL/FDC
27. WAS WELL CORRED Yes

23. INTERVALS DRILLED BY
ROTARY TOOLS 0-6430
CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Plugged - converted to fresh water source
25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CNL/FDC
27. WAS WELL CORRED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	2,270.43	12-1/4	800	
			8-3/4		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	SIZE	NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented while testing.
TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs as above

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Thomas Adams TITLE Director, Petroleum Engrg DATE Jan. 11, 1982

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

RECEIVED
JAN 14 1982
DIVISION OF OIL, GAS & MINING

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 38, below regarding separate reports for separate completions.

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Log tops:		
Morrison	0'	
Summerville	1,077	
Entrada	1,107	
Carmel	1,262	
Navajo	1,295	
Chinle	1,990	
Shinarump	2,716	
Cutler	2,950	
Honaker Trail	4,702	
Paradox	5,381	
Ismay	6,050	
Ismay Shale	6,125	
Lower Ismay	6,195	
B Zone	6,250	
Desert Creek	6,306	
Lower Bench	6,351	
Desert Creek		
Porosity	6,361	

Akan 6,380

Salt 6,429'

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 or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Wexpro Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE 2172' FNL, 2308' FEL</p> <p>14. PERMIT NO. 43-037-30730</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME -</p> <p>7. UNIT AGREEMENT NAME -</p> <p>8. FARM OR LEASE NAME Bug</p> <p>9. WELL NO. 7-A</p> <p>10. FIELD AND POOL, OR WILDCAT Bug</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA 7-36S-26E., SLB&M</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6665.40' GR 6653'</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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Convert to water well</u>	<input checked="" 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.)*

TD 6430', PBD 2170', converted to water well by laying the following plugs:

- Plug No. 1: 6350-6250', 50 sacks
- Plug No. 2: 5430-5330', 50 sacks
- Plug No. 3: 4750-4650', 50 sacks
- Plug No. 4: 3000-2900', 50 sacks
- Plug No. 5: 2370-2170', 80 sacks

RECEIVED
 JAN 14 1982
 DIVISION OF
 OIL, GAS & MINING

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

SIGNED Eric Martin TITLE Asst. Drlg Supt DATE Jan. 11, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BUG
Lease Name
202178
Ticket Number
7-A
Well No.
FARMINGTON
Camp
2
Test No.
6356-6433'
Tested Interval
1-5-82
Date
WEXPRO OIL COMPANY
Lease Owner/Company Name
2032-2033
Gauge Number(s)



RECEIVED

JAN 21 1982

**DIVISION OF
OIL, GAS & MINING**

TICKET NO. 202178 DATE 1-5-82 HALLIBURTON CAMP FARMINGTON
 LEASE OWNER WEXPRO OIL COMPANY PW-dr
 LEASE NAME BUG WELL NO. 7-A TEST NO. 2
 LEGAL LOCATION Sec. 7 -36S-526E FORMATION TESTED DESERT CREEK
 FIELD AREA BUG COUNTY SAN JUAN STATE UTAH
 TYPE OF D.S.T. OPEN HOLE
 TESTER(S) GARY HOBBS
 WITNESS MIKE SLIGER DRILLING CONTRACTOR MESA DRILLING
 DEPTHS MEASURED FROM KELLY BUSHING CASING PERFS (FT.)
 TYPE AND SIZE OF GAS MEASURING DEVICE

CUSHION DATA

TYPE _____ AMOUNT _____ WEIGHT (lb./gal.) _____
 TYPE _____ AMOUNT _____ WEIGHT (lb./gal.) _____
 RECOVERY (ft. or bbl.): 750' mud

FLUID PROPERTIES

SOURCE	RESISTIVITY	CHLORIDES (PPM)	SOURCE	RESISTIVITY	CHLORIDES (PPM)
MUD PIT	.846 @63 °F	4800	Top of sampler	.756 @ 69 °F	4800
TOP	.884 @66 °F	3300	Sampler	.696 @ 70 °F	5300
MIDDLE	.806 @68 °F	4200		@ °F	

REMARKS: MUD PIT #/gal. 11.4
 TOP/FLUID " 10.3
 MIDDLE " 11.1
 TOP SAMPLER " 11.4
 SAMPLER " 8.3
 SEE PRODUCTION TEST DATA SHEET

TICKET NO. 202178 DATE 1-5-82 ELEVATION (FT.) 6669' KB

TOP OF TESTED INTERVAL (ft.) 6356' BOTTOM OF TESTED INTERVAL (ft.) 6433'

NET PAY (ft.) _____ TOTAL DEPTH (ft.) 6433'

HOLE OR CASING SIZE (in.) 8.375" MUD WEIGHT (lb./gal.) 11.4 VISCOSITY (sec.) 45

SURFACE CHOKE (in.) Bubble Hose BOTTOM CHOKE (in.) .75"

OIL GRAVITY _____ @ _____ °F GAS GRAVITY—ESTIMATED _____ ACTUAL _____

SAMPLER DATA

PRESSURE (P.S.I.) 165 CUBIC FT. OF GAS .009
 C.C.'s OF OIL _____ C.C.'s OF WATER _____
 C.C.'s OF MUD 2450 TOTAL LIQUID C.C.'s 2450

TEMPERATURE (°F)

ESTIMATE 130
 ACTUAL 118
 DEPTH (ft.) 6429
 H.T.-500 ; THERMOMETER
 T.E. OR R.T.-7 ; OTHER
 SERIAL NO. _____

GAS/OIL RATIO (cu. ft. per bbl.)

FROM SAMPLER _____ OTHER _____

RECORDER AND PRESSURE DATA

CHARTS READ BY GARY HOBBS DATA APPROVED BY MARVIN R. LAYMAN

RECORDERS	GAUGE NUMBER	2032	2033			TIMES (00:00-24:00 HRS.)	
	GAUGE TYPE	1	2			TOOL OPENED <u>16:15</u>	
	GAUGE DEPTH (ft.)	6345	6430			DATE <u>1-5-82</u>	
	CLOCK NUMBER	13840	14128			BYPASS OPENED <u>21:15</u>	
	CLOCK RANGE (HR.)	24	24			DATE <u>1-5-82</u>	
	INITIAL HYDROSTATIC	3735.1	3782.8			PERIOD	MINUTES
INITIAL FLOW	298.7	330.0			XXX	XXX	
P 1st.	FINAL FLOW	393.6	443.2			1st. FLOW	30.9
	CLOSED-IN	670.8	713.1			1st. C.I.P.	59.0
R 2nd.	INITIAL FLOW	443.0	496.1			XXX	XXX
	FINAL FLOW	511.2	558.1			2nd. FLOW	89.8
S 3rd.	CLOSED-IN	651.1	698.4			2nd. C.I.P.	120.3
	INITIAL FLOW					XXX	XXX
U 3rd.	FINAL FLOW					3rd. FLOW	
	CLOSED-IN					3rd. C.I.P.	
	FINAL HYDROSTATIC	3720.8	3773.9			XXX	XXX

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 202178
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
7-4-82						Called out
1900						
1-5-82						On location
0200						
0230						Picked up tools
0445						Went in hole with tools
0720						Rig up floor equipment
0730						Picked up two singles
0824						On bottom, pipe or tools leaking
0828						Came out of hole.
0837						Called for another sampler and hydrospring
						Waited.
1030						Found in drill pipe a leak, it was
						backed off, held by 3 threads.
1315						Went in hole with tools
1612						On bottom
1615						Opened tool with a weak blow
1620						Weak blow 1" in 5 gal. bucket
1625						"
1630						"
1645						"
1645						Closed tool
1745						Opened tool with blow
1750						Weak blow, 1/2" in 5 gal. bucket.
1755						"
1800						"
1815						"

PAGE 1

WEXPRO OIL COMPANY
 Lease Owner/Company Name

202178
 Ticket Number

B.T. 2032

B.T. 2033

B.T. _____

Depth 6345'

Depth 6430'

Depth _____

Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
First Flow...			First Flow...					
0		298.7	0		330.0			
5		315.8	5		361.4			
10		336.1	10		384.3			
15		351.9	15		401.7			
20		366.2	20		415.5			
25		379.4	25		429.5			
30.9		393.6	30.9		443.2			
Initial CIP...			Initial CIP...					
0		393.6	0		443.2			
6		427.6	6		480.6			
12		462.2	12		516.4			
18		492.8	18		548.4			
24		523.3	24		578.9			
30		551.2	30		605.6			
36		578.0	36		630.0			
42		603.7	42		653.9			
48		626.7	48		676.5			
54		649.6	54		697.2			
59.0		670.8	59.0		713.1			
Second Flow...			Second Flow...					
0		443.0	0		496.1			
15		444.0	15		488.7			
30		458.5	30		504.5			
45		474.1	45		520.4			
60		485.4	60		534.0			
75		498.1	75		546.8			
89.8		511.2	89.8		558.1			
Second CIP...			Second CIP...					
0		511.2	0		558.1			
12		529.1	12		574.4			
24		543.8	24		591.5			
36		559.5	36		607.2			
48		574.1	48		621.6			
60		587.5	60		635.9			
72		600.4	72		648.8			
84		614.5	84		662.0			
96		626.8	96		674.4			
108		640.5	108		685.9			
120.3		651.1	120.3		698.4			

Remarks: _____

Tool Description	O.D.	I.D.	Length	Depth
Drill Pipe	4.5"	3.826"	?	
Drill Collars	6.25"	2.25"	?	
Reversing sub hollow	6.00"	3.00"	1'	6638'
Drill Collar	6.25"	2.25"	93'	
Crossover	6.00"	3.00"	1'	
Dual CIP Sampler	5.00"	.875"	7'	
Hydrospring	5.00"	.75"	5'	6343'
AP Running case	5.00"	3.06"	4'	6345'
Big John Jars	5.00"	1.75"	5'	
V.R. Safety Joint	5.00"	1.00"	3'	
Open hole packer	5.00"	1.53 "	6'	6350'
Packer	5.00"	1.53"	4'	6356'
Crossover	6.00"	3.00"		6358'
Drill Collar	6.25"	2.25"	28'	6359'
Crossover	6.00"	3.00"	1'	6387'
Flush Joint anchor	5.75"	2.375"	41'	
Blanked off running case	5.75"	3.50"	4'	6430'
Total Depth				6433'

PRESSURE

TIME

981885-2033

981885-2032

Each Horizontal Line Equal to 1000 p.s.i.



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

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

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

January 22, 1982

Wexpro Company
P. O. Box 1129
Rock Springs, WY 82901

Re: Well No. Bug 7-A
Sec. 7, T. 36S, R. 26E
San Juan County, Utah

Gentlemen:

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

Please complete the enclosed Form OGC-3, in duplicate, and also all drilling information on this well is needed to be forwarded to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

CORE ANALYSIS RESULTS

for

WEXPRO COMPANY
BUG NO. 7-A
BUG FIELD
SAN JUAN COUNTY, UTAH

RECEIVED
JAN 22 1982
DIVISION OF
MINE, GAS & MINING

WEXRO COMPANY
 BUG NO. 7-A
 BUG
 SAN JUAN COUNTY

FORMATION : DESERT CREEK
 DRLO, FLUID: N.B.M.
 LOCATION : SW, NE SEC. 7-36-26E
 STATE : UTAH

DATE : 1-2-82
 FILE NO. : R-3-3180
 ANALYSTS : GGDS
 ELEVATION: 6657 GL

CONVENTIONAL CORE ANALYSIS--BOYLES LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ. VERTICAL	POR. B.L.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION
	6345-6352					ANHYDRITE/SHALE - NO ANALYSIS
	6352-6356					ANHYDRITE - NO ANALYSIS
	6356-6357					ANHY/DOL - NO ANALYSIS
1	6357-58	<0.01	1.7	0.0 64.0	2.73	DOL-BRN, VF XLN, SL/SHL
2	6358-59	0.03	4.2	0.0 62.1	2.75	DOL-BRN, VF XLN, SL/SHL, SL/ANHY
3	6359-60	<0.01	4.3	0.0 74.0	2.73	DOL-BRN, VF XLN, SL/SHL, SL/ANHY
4	6360-61	0.02	5.8	0.0 65.8	2.84	DOL-BRN, VF XLN, SL/SHL
5	6361-62	<0.01	3.9	0.0 63.6	2.74	DOL-BRN, VF XLN, SL/SHL
6	6362-63	<0.01	1.3	0.0 31.8	2.70	DOL-BRN, VF XLN, SL/SHL
7	6363-64	<0.01	2.1	8.1 48.9	2.73	DOL-BRN, VF XLN, SHL
	6364-6369					DOLOMITE/SHALE - NO ANALYSIS
	6369-6386					SHALE - NO ANALYSIS
	6386-6391					LIMESTONE - NO ANALYSIS
	6391-6394					DOLOMITE/SHALE - NO ANALYSIS
	6394-6397					LIMESTONE - NO ANALYSIS
	6397-6399					DOLOMITE - NO ANALYSIS
	6399-6404					ANHYDRITE - NO ANALYSIS

6357 - 6364 Essentially nonproductive.



CORE LABORATORIES, INC. Petroleum Reservoir Engineering

COMPANY WEXPRO COMPANY FIELD BUG FILE RP-3-3180
WELL BUG NO. 7-A COUNTY SAN JUAN DATE 1-3-82
LOCATION SW, NE SEC. 7-36S-26E STATE UTAH ELEV. 6657 GL

CORE-GAMMA CORRELATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made.

VERTICAL SCALE: 5" = 100'

CORE-GAMMA SURFACE LOG

(PATENT APPLIED FOR)

GAMMA RAY RADIATION INCREASE

COREGRAPH

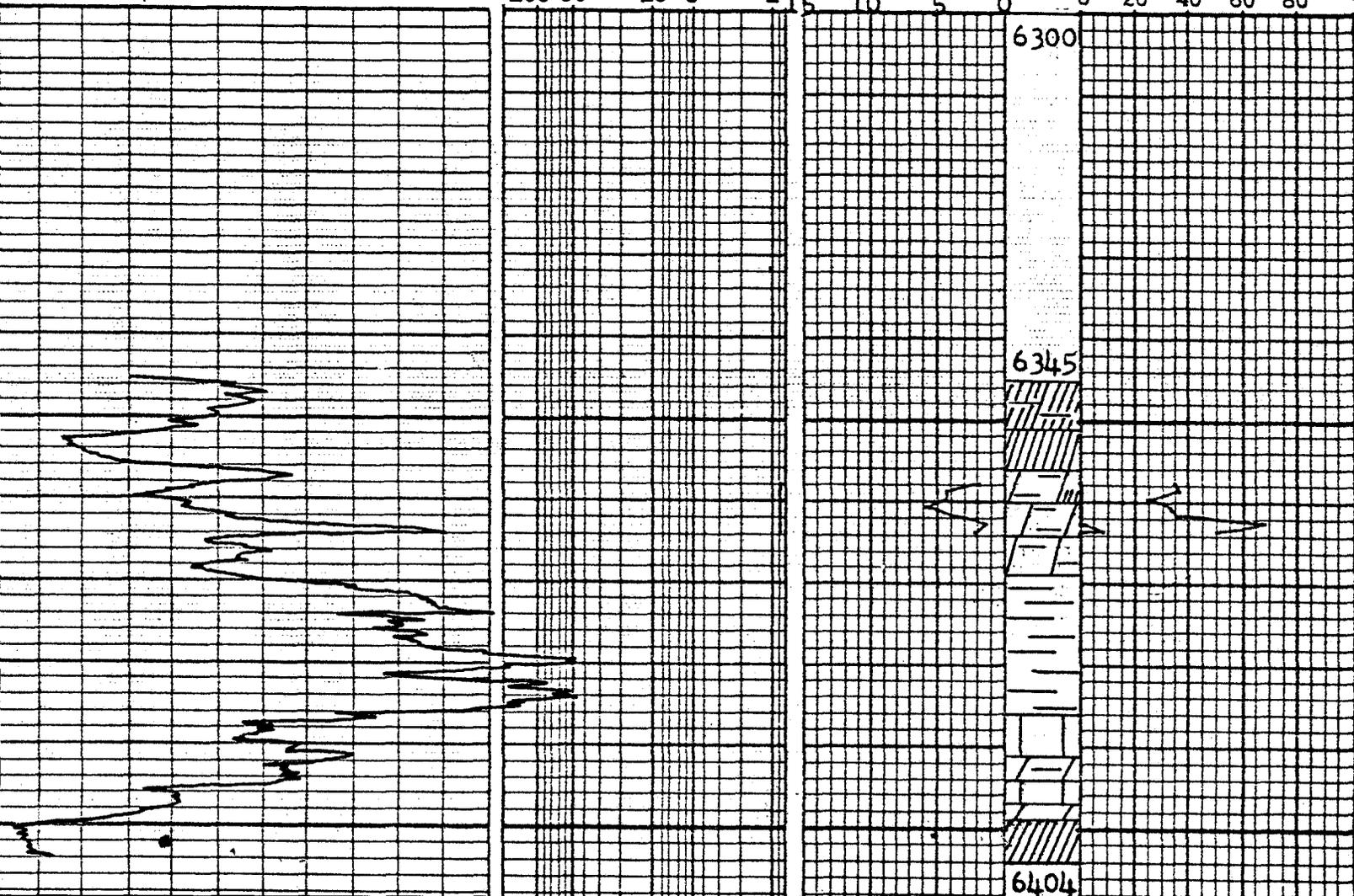
TOTAL WATER PERCENT TOTAL WATER 80 60 40 20 0

DESERT CREEK FORMATION

PERMEABILITY MILLIDARCS 100 50 10 5 1 1/2

POROSITY PERCENT 10 5 0

OIL SATURATION PERCENT PORE SPACE 20 40 60 80



6300

6345

6404

WEXPRO COMPANY

BUG WELL #7-A

SWNE, Sec. 7, T36S-R26E

San Juan County, Utah

GEOLOGIC REPORT

for

WEXPRO COMPANY

on

BUG WELL #7-A

TABLE OF CONTENTS

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RECEIVED
FEB 26 1982

**DIVISION OF
OIL, GAS & MINING**

January 1982



Doug Redmond
Geologist

WELL DATA SUMMARY

Well Name: Bug Well 7-A

Operator: Wexpro Company

Location: SW $\frac{1}{4}$ --NE $\frac{1}{4}$, Sec. 7, T36S, R26E

County: San Juan

State: Utah

Drilling Contractor: Mesa Drilling Rig #1

Elevation: 6657' - Ground Level
6670' - Kelly Bushing

Depth Logged: 4500' - 6430'

Well Status: Plugged and Abandoned

Casing Program: Surface Casing 9 5/8" to 2280

Mechanical Logs Run: DIL w/ MSFL
CNL FDC w/ GR, CAL

Cores: Christensen - (Don Sanders)

Drill Stem Tests: Halliburton - (Ron Rockos, Gary Hobbs)

Mudlogging Company: Rocky Mtn. Geo. Engineering-
(Elliot Struthers, Scot Doneto)

FORMATION TOPS

<u>Formation</u>	<u>Prognosis</u>	<u>Sample</u>	<u>Estimated Top</u>	<u>E-Log</u>	<u>Subsea Log</u>
Honaker Trail	4993	4650-60	4650	4702	1955
Paradox	5673	5400-10	5405	5382	1288
Upper Ismay	5868	5860-70	5865	5872	798
Lower Upper Ismay	6033	6050-60	6052	6050	620
Lower Ismay Shale	6103	6130-40	6130	6124	546
Lower Ismay Porosity	6218	6200-10	6200	6210	460
"B" Zone	6238	6250-60	6248	6250	420
Desert Creek	6288	6310-20	6315	6308	362
Lower Bench	6338	6350-60	6352	6355	315
Desert Creek Porosity	6348	6360-70	6363	6362	308
Akah	-	6390-6400	6398	6402	268
Salt	6433	6420-30	6425	6430	240

DEVIATION SURVEYS

Deviation surveys after surface casing

<u>Depth</u>	<u>Survey</u>	<u>Change</u>
268'	$\frac{1}{4}^{\circ}$	-
778'	1 $\frac{1}{4}^{\circ}$	+ 1°
899'	1 $\frac{1}{4}^{\circ}$	- $\frac{1}{4}^{\circ}$
1669'	1 $\frac{1}{4}^{\circ}$	+ $\frac{1}{4}^{\circ}$
2782'	1 $\frac{1}{2}^{\circ}$	+ $\frac{1}{4}^{\circ}$
4205'	$\frac{1}{4}^{\circ}$	- 1°
5021'	$\frac{3}{4}^{\circ}$	+ $\frac{1}{2}^{\circ}$
5873'	1 $^{\circ}$	+ $\frac{1}{4}^{\circ}$
6430'	1 $^{\circ}$	-

DAILY DRILLING SUMMARY

<u>Date</u>	<u>Depth</u>	<u>Progress</u>	<u>Hrs. Drlg.</u>	<u>Mud Mass</u>	<u>Visc.</u>	<u>W.L.</u>	<u>PH</u>	<u>Activity</u>
12-21	4576	76	6					Drilling w/ fresh water
12-22	4944	368	22 3/4					Drilling w/ fresh water
12-23	5168	224	17 3/4	9.0	32			Drlg.
12-24	5428	260	21	9.0	32			
12-25	5428	Shut down for Christmas						
12-26	5428	Shut down for Christmas						
12-27	5622	184	20 1/2	8.9	36			Drlg.
12-28	5825	203	23 1/2	8.9	32			Drlg.
12-29	5873	48	3 3/4	9.0	43			DST #1
12-30	5974	101	12	9.2	43			Drlg.
12-31	6140	166	23 3/4	10.9	40			Drlg.
1-1	6272	135	23 3/4	11.3	41			Drlg.
1-2	6345	70	12 3/4	11.4	43			Coring
1-3	6433	85	14 3/4	11.2	45			Circulate out for logs.
1-4	6433	Running E-Logs						
1-5	6433	DST #2						
1-6	6433	Wait on orders						
1-7	6433	Wait on orders						

DRILL STEM TEST

WELL: Bug 7A DATE: 12/29/81

TEST: #1 FORMATION: Upper Ismay WITNESS: Sliger

REASON: Drilling break 5843 - 5852 300 Unit gas
Increase Limestone

INTERVAL: 5826 - 5873 T.D. 5873

TESTING CO.: Haliburton

TYPE TEST: Conventional double packer

CUSHION: None

I. FLOW: Open with very weak blow, increased to good blow in BOB in 15 min NGTS.

F. FLOW: Open with strong blow to BOB immediately, GTS in 5 minutes. Steadily
increased from 4 oz. to 48 oz. through bubble hose NETG.

GAUGES

I. FLOW OPEN _____ MIN.		F. FLOW OPEN _____ MIN.	
GTS _____	GTS _____	Mcf _____	min. _____
_____ Mcf _____ min.	_____ Mcf _____ min.	_____ Mcf _____ min.	_____ min.
_____ Mcf _____ min.	_____ Mcf _____ min.	_____ Mcf _____ min.	_____ min.
_____ Mcf _____ min.	_____ Mcf _____ min.	_____ Mcf _____ min.	_____ min.
_____ Mcf _____ min.	_____ Mcf _____ min.	_____ Mcf _____ min.	_____ min.

RECOVERY: 510' total 190' water, 320' mud all gas cut.

SAMPLE CHAMBER: 37.015 cfg and 2200 cc water @ 900 psi

1.619 @ 62° 4050 ppm NaCl

TOP CHART

IH:	<u>2778</u>
IF:	<u>132 - 159</u>
ISI:	<u>739</u>
FF:	<u>106 - 265</u>
FSI:	<u>1716</u>
FH:	<u>2778</u>

TIME

_____	<u>30</u>
_____	<u>60</u>
_____	<u>120</u>
_____	<u>180</u>

BOTTOM CHART

_____	<u>2859</u>
_____	<u>160 - 187</u>
_____	<u>746</u>
_____	<u>133 - 267</u>
_____	<u>1760</u>
_____	<u>2833</u>

BHT 118 °F
@ 5870'

SAMPLES CAUGHT: Gas Oil Water Mud

WHERE CAUGHT: Drill pipe Flow Line Separator MFE Tool

RESISTIVITIES @ 68° REMARKS: _____

PIT MUD: 1.58 @ 56° FILTRATE: 12

REC. MUD: 1.6 @ 60° REC. WTR: 1.619 @ 62°

DRILL STEM TEST

WELL: Bug 7-A DATE: 1/6/82

TEST: #2 FORMATION: Desert Creek WITNESS: Sliger

REASON: Test Major Objective

INTERVAL: 6356' - 6433' T.D. 6433'

TESTING CO.: Halliburton

TYPE TEST: Conventional

CUSHION: None

I. FLOW: Open with weak blow and remained 3" into bucket NGTS

F. FLOW: Open with weak blow and remained 3" into bucket NGTS

GAUGES

I. FLOW OPEN _____ MIN.		F. FLOW OPEN _____ MIN.	
GTS _____		GTS _____	Mcf _____ min.
_____ Mcf _____ min.		_____ Mcf _____ min.	_____ Mcf _____ min.
_____ Mcf _____ min.		_____ Mcf _____ min.	_____ Mcf _____ min.
_____ Mcf _____ min.		_____ Mcf _____ min.	_____ Mcf _____ min.
_____ Mcf _____ min.		_____ Mcf _____ min.	_____ Mcf _____ min.

RECOVERY: 750' slightly gas cut mud .41 @ 56° 4242 ppm

SAMPLE CHAMBER: .009 cfg and 2450 cc mud .21 @ 59° @ 165 psi
9090 ppm CL

TOP CHART		TIME	BOTTOM CHART
IH: <u>3736</u>		_____	_____
IF: <u>318 - 398</u>		<u>30</u>	_____
ISI: <u>662</u>		<u>60</u>	_____
FF: <u>425 - 504</u>		<u>90</u>	_____
FSI: <u>636</u>		<u>120</u>	_____
FH: <u>3736</u>		_____	_____

BHT 130 °F

SAMPLES CAUGHT: Gas Oil Water Mud

WHERE CAUGHT: Drill pipe Flow Line Separator MFE Tool

RESISTIVITIES @ 68°

REMARKS: First run pipe joint backed

PIT MUD: 1.1 @ 55° 2485 ppm
FILTRATE: 16

off and leaking.

REC. MUD: .41 @ 56° 4242 ppm
REC. WTR: -

CORE DESCRIPTIONS

Descriptions made from 6345' to 6405'
Recovery 60'

- 6345-6352 Shale - dark gray, black, dolomitic, slightly calcareous, slightly carbonaceous, firm, mudstone apparent
- 6352-6356 Anhydrite - clear, white, firm, some shale apparent
- 6356-6363 Shale - dark gray, black, dolomitic, firm, mudstone apparent
- 6363-6364 Shale - dark gray, black, calcareous, slightly dolomitic, carbonaceous, fissile, firm
- 6364-6366 Shale - dark gray, very fine microcrystalline, dolomitic, mudstone apparent, slight oil odor, no fluorescence, show, odor, or cut
- 6366-6367 Shale - dark gray, dolomitic, slightly calcareous, slightly fissile, firm, no oil odor
- 6367-6368 Shale - as above, pyritic
- 6368-6371 Shale - dark gray, black, slightly carbonaceous, dolomitic, fissile, firm
- 6371-6387 Shale - black, carbonaceous, slightly calcareous, fissile, firm
- 6387-6388 Shale - dark gray, very fine microcrystalline, dolomitic, mudstone, firm
- 6388-6389 Shale - dark gray, very fine microcrystalline, calcareous, dolomitic, slightly silty, mudstone, firm, moderate oil odor, no fluorescence, show, cut, or odor
- 6389-6391 Shale - dark gray, very fine microcrystalline, dolomitic, firm, no oil odor, no fluorescence, show, odor, or cut
- 6391-6392 Shale - black, carbonaceous, slightly calcareous, fissile, firm

- 6392-6393 Shale - dark brown, dark gray, black, very fine microcrystalline in part, very silty, fissile, strong oil odor, no fluorescence, very slow, weak yellow-blue residual cut
- 6393-6394 Shale - black, dark gray, calcareous, no odor
- 6394-6395 Shale - black, calcareous, mudstone, firm
- 6395-6396 Shale - dark gray, slightly dolomitic, calcareous, mudstone, firm
- 6396-6397 Shale - as above, anhydritic
- 6397-6398 Shale - dark brown, calcareous, moderate oil odor, no fluorescence, cut, odor, or stain
- 6398-6405 Anhydrite - white, clear, firm

FORMATION EVALUATION

Geologic coverage of Wexpro Company's Bug Well #7-A began on December 20, 1981 at 4500' in the Cutler Formation. These red beds of shales, siltstones, and arkosic sandstones had no indication of hydrocarbons.

Honaker Trail (Hermosa Group) 4702-5382' Pennsylvanian

The sample top was picked at 4650' from white to light gray limestone in the sample. This interval is interbedded with red to dark brown micaceous shales; limestone which is predominantly marly and dense; and clear, light gray, and rounded sandstone. Two hydrocarbon shows were noted -- the first from 5170' to 5186' and the second from 5247' to 5266'. Both were from drilling breaks in sandstone with porosity up to 22% and Sw of a maximum of 60%. These values are questionable, however, because of a bad hole. The shows are possibly of slight economic interest although they were not tested.

Paradox 5382-5872' Pennsylvanian

A marly, dense, medium gray limestone present in the samples marks the Paradox top. It is made up of interbedded limestone and dark gray, calcareous shale. Traces of anhydrite, bentonite, and pyrite were present. Three hydrocarbon shows were detected. The first at 5616 to 5621', the second at 5660 to 5661', and the third at 5843 to 5852'. The first two were considered fairly insignificant, however, the third show was evaluated by DST #1. This tested interval was clastic in appearance and silty with porosity at 17% and Sw were approximately 25%. Although gas came to surface during the test, it was considered too tight to complete for economic value.

Upper Ismay 5872-6050' Pennsylvanian

This top appeared just below the drilling break and DST #1 in a medium gray limestone. Interbedded shale and limestone made up this interval. No evidence of hydrocarbon presence was found.

Lower Upper Ismay 6050-6124' Pennsylvanian

An anhydritic limestone marked this cycle top followed immediately by white and tan limestone. Although slightly dolomitic, these samples were predominantly chalky and dense. No indication of hydrocarbons were observed.

Lower Ismay Shale 6124-6210' Pennsylvanian

A reverse drilling break and dark gray to black shale were present in the samples of this top. This shale is carbonaceous and gassy however, no economic importance was observed.

Lower Ismay Porosity 6210-6250' Pennsylvanian

An anhydritic limestone marked the top of this porosity interval. The limestone was white, cream, tan, and soft to medium hard. No porosity was developed and hydrocarbons were not observed.

"B" Zone Shale 6250-6308' Pennsylvanian

Another reverse drilling break, typical of these shales, marked this interval top. This shale is carbonaceous and gassy, and because it is so consistent, the Desert Creek core point can be picked from it.

Desert Creek 6308-6355' Pennsylvanian

This top was picked from a medium gray and marly limestone following the black shale above. No hydrocarbons were observed.

Lower Bench Desert Creek 6355-6398' Pennsylvanian

Anhydrite marked this interval top which was cored. This interval cored the Desert Creek Porosity, although it was undeveloped. Only dark gray mudstone was present with a slight oil odor. Virtually no porosity is seen on the E-logs and Sw are 100%.

Akah 6398-6430' Pennsylvanian

The final massive anhydrite before the salt marks this cycle which is dark gray shale and mudstone to the top of the salt. No hydrocarbons were observed.

LITHOLOGIC DESCRIPTIONS

- 4500-4530 100% Shale - brick red, orange, smooth, calcareous, slightly silty in part, mottled to light gray-green in part, brittle, firm
Trace sandstone - white, orange, clear, very fine grained, unconsolidated
Trace shale - light gray-green, smooth, waxy, firm
Trace bentonite - white, soft
- 4530-4550 90% Shale - as above, some brown to dark brown, calcareous, silty, firm
10% Siltstone - orange, brick red, some very fine sand, calcareous, firm
- Very poor sample
- 4550-4570 100% Shale - orange, brick red, maroon, smooth, calcareous, mottled, waxy, bentonitic, firm, predominantly brittle
Trace quartz - clear, unconsolidated
- 4570-4590 100% Shale - as above, some light gray-green, dark gray, smooth, waxy, firm
Trace quartz - bentonitic
- 4590-4610 100% Shale - as above, brown, silty, calcareous, firm
Trace Obsidian
- 4610-4650 100% Shale - orange-red, maroon, smooth, slightly silty in part, calcareous, mottled, soft to firm, some light gray-green, smooth, slightly calcareous, firm
Trace limestone - light gray, very fine microcrystalline, firm
Trace bentonite - bentonitic shale
- 4650-4670 100% Shale - as above, becoming predominantly medium to dark gray, red to brown, medium brown, smooth, very slightly calcareous, micaceous, silty in part, mottled soft to firm
Trace limestone - tan, slightly siliceous, fossiliferous, firm, medium hard
Trace quartz - clear, orange, fine to medium grained, unconsolidated
Trace chert - orange, very hard
- 4670-4700 100% Shale - as above, light gray, light green, brick red, mottled, very slightly calcareous, firm

4700-4730.0	100%	<u>Shale</u> - as above, light gray-green, slightly silty in part Trace bentonite Trace limestone, quartz grains
4730-4750	30%	<u>Limestone</u> - white, light gray, transparent, crypto- crystalline, very fine microcrystalline, slightly lithographic, chalky in part, slightly sandy, soft to firm
	70%	<u>Shale</u> - as above, some very calcareous, medium brown, micaceous
4750-4760	20%	<u>Limestone</u> - as above, sandy in part, lithographic, fossiliferous, slightly sucrosic, firm
	80%	<u>Shale</u> - brown, lavender, light gray-green, smooth, waxy, soft to firm Trace bentonite
4760-4790	10%	<u>Limestone</u> - as above, white, cream, light gray, trans- parent, sucrosic, dolomitic, very fossiliferous, firm, dense
	90%	<u>Shale</u> - as above, medium to dark brown, silty, calcareous, firm
4790-4800	70%	<u>Limestone</u> - clear, white, light gray, very fine micro- crystalline, sucrosic, slightly friable, dense, slightly sandy, firm
	30%	<u>Shale</u> - as above Trace glauconite, quartz grains
4800-4810	90%	<u>Limestone</u> - as above, light to medium gray, tan, predominantly cryptocrystalline, very fine micro- crystalline, slightly sucrosic in part, slightly dolomitic firm, dense
	10%	<u>Shale</u> - medium to dark brown, silty, calcareous, firm
4810-4820	80%	<u>Limestone</u> - as above
	10%	<u>Shale</u> - as above
	10%	<u>Sandstone</u> - clear, orange, very fine grained, unconsolidated
4820-4840	90%	<u>Limestone</u> - white, cream, light to medium gray, tan, cryptocrystalline, transparent, dense, firm
	10%	<u>Shale</u> - as above
4840-4850	40%	<u>Limestone</u> - as above
	60%	<u>Shale</u> - dark brown, light gray-green, smooth, micaceous, silty, calcareous, firm
4850-4860	50%	<u>Limestone</u> - as above
	50%	<u>Shale</u> - as above Trace quartz grains

4860-4870	30%	<u>Limestone</u> - as above
	30%	<u>Sandstone</u> - clear, white, orange, very fine grained, angular, arkosic, unconsolidated, very friable
	40%	<u>Shale</u> - dark brown, maroon, silty, micaceous, calcareous, firm
		Trace pyrite
4870-4880	30%	<u>Limestone</u> - white, tan, medium brown, cryptocrystalline, dense, firm
	20%	<u>Sandstone</u> - as above
	50%	<u>Shale</u> - as above
4880-4900	30%	<u>Limestone</u> - as above, some shaly, micaceous
	70%	<u>Shale</u> - as above, very silty, micaceous, sandy, firm
		Trace sandstone - as above
4900-4920	60%	<u>Limestone</u> - white, light to medium gray, tan, transparent, cryptocrystalline, slightly chalky in part, soft to firm, dense
	40%	<u>Shale</u> - dark gray, slightly silty, slightly calcareous, firm, brittle
4920-4930		No sample
4930-4940	80%	<u>Limestone</u> - as above
	20%	<u>Shale</u> - as above
		Trace quartz grains - clear, rose, rounded
4940-4950	70%	<u>Limestone</u> - as above, some becoming shaly, slightly micaceous
	30%	<u>Shale</u> - medium to dark gray, smooth, calcareous, limy in part, trace mica, brittle, firm
		Trace biotite, quartz grains
Mudding up		
4950-4980	50%	<u>Limestone</u> - white, light to medium gray, tan, transparent, cryptocrystalline, very fine microcrystalline, firm, medium hard, dense
	50%	<u>Shale</u> - as above, some light to chocolate brown, silty, calcareous, micaceous, firm
Samples improved		
4980-5000	80%	<u>Limestone</u> - as above, some chalky, waxy, soft
	20%	<u>Shale</u> - as above
		Abundant cavings
5000-5020	30%	<u>Limestone</u> - as above
	70%	<u>Shale</u> - medium to dark gray, chocolate brown, very fine sand, silty, micaceous, calcareous, some very limy, brittle, firm

5020-5030	20%	<u>Limestone</u> - light gray, cryptocrystalline, lithographic, firm
	80%	<u>Shale</u> - red-brown, medium to dark gray, silty, very fine sand, calcareous, firm Trace feldspar
5030-5070	100%	<u>Shale</u> - medium brown, chocolate brown, silty, some very fine sand, calcareous, brittle, firm Trace limestone - as above Abundant Cutler cavings
Very poor sample		
5070-5100	100%	<u>Shale</u> - red-brown, chocolate brown, very fine sand, silty, slightly micaceous, grading to siltstone, slightly fissile, brittle, firm Trace limestone, anhydrite
5100-5110	70%	<u>Limestone</u> - white, light gray, slightly transparent, cryptocrystalline, very slightly dolomitic, slightly chalky in part, soft, firm, medium hard
	30%	<u>Shale</u> - as above
5110-5120	50%	<u>Limestone</u> - as above, lithographic, some thinly laminated with shale
	50%	<u>Shale</u> - medium gray-green, chocolate brown, very fine sand, calcareous, brittle, firm
5120-5130	50%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline, very fine microcrystalline, lithographic, very fine sand, in part, trace quartz grains, slightly sucrosic in part, slightly shaly in part, brittle, firm
	50%	<u>Shale</u> - as above, some very limy, grading to limestone
5130-5170	100%	<u>Shale</u> - red-brown, chocolate brown, slightly anhydritic, very fine sand, very silty, micaceous, calcareous, brittle, firm Trace limestone - as above Trace anhydrite - white, soft
5170-5180	30%	<u>Shale</u> - as above
	70%	<u>Sandstone</u> - clear, white, light gray, very fine to medium grained, subangular to subrounded, poor cement, medium sorted, unconsolidated, quartzose, no fluorescence or cut, 10-15% porosity Trace limestone
5180-5190	70%	<u>Shale</u> - medium to dark gray, chocolate brown, silty, micaceous, calcareous, firm
	30%	<u>Sandstone</u> - as above, becoming poorly sorted, glauconitic, slightly friable, firm Trace limestone

5190-5210	100%	<u>Shale</u> - light gray-green, medium gray, chocolate brown, very silty, very fine sand, calcareous, firm Trace limestone, quartz grains
5210-5220	90%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline, very fine microcrystalline, slightly shaly in part, firm, medium hard, dense
	10%	<u>Shale</u> - as above
5220-5240	100%	<u>Shale</u> - medium to dark gray, silty, slightly micaceous, limy, fossiliferous, slightly fissile, brittle, firm, hard Trace limestone - as above Trace quartz grains - clear, angular
5240-5250		No sample
5250-5260	100%	<u>Shale</u> - as above Trace limestone - medium gray, slightly oolitic, firm, medium hard Trace sandstone - clear, quartzose
5260-5270	90%	<u>Sandstone</u> - clear, white, very fine to fine grained, quartzose, calcareous, subrounded, poor to medium sorted, friable, firm, tight Trace yellow fluorescence, 15% pinpoint porosity, dark, dead staining, very faint, very slow, yellow cut
	10%	<u>Shale</u> - as above
5270-5280	80%	<u>Shale</u> - medium to dark gray, smooth, pyritic, micaceous, slightly silty in part, calcareous, firm, fissile
	20%	<u>Limestone</u> - light to medium gray, transparent, cryptocrystalline, very fine microcrystalline, lithographic, micaceous, firm, dense Trace sandstone - quartzose, clear, friable
5280-5290	80%	<u>Shale</u> - as above, very micaceous
	20%	<u>Limestone</u> - white, light gray, cryptocrystalline, micaceous, chalky, lithographic, soft to firm
5290-5300	50%	<u>Sandstone</u> - clear, white, light gray, very fine to medium grained, calcareous, poor to moderately sorted, angular to subangular, friable, firm, tight
	50%	<u>Shale</u> - as above Trace limestone - as above

5300-5310	20%	<u>Sandstone</u> - as above
	70%	<u>Shale</u> - medium brown, medium gray, smooth in part, micaceous, silty, calcareous, firm
	10%	<u>Limestone</u> - light to medium gray, cryptocrystalline, lithographic, chalky, firm, dense
5310-5320	90%	<u>Shale</u> - medium brown, medium gray, very silty, very micaceous, calcareous, firm, brittle
	10%	<u>Sandstone</u> - as above, some very limy, calcareous Trace limestone - light gray, sandy, micaceous, firm, dense
5320-5340	70%	<u>Shale</u> - as above
	30%	<u>Limestone</u> - light gray, cryptocrystalline, very fine microcrystalline, slightly sandy, lithographic, micaceous, firm, medium hard, dense Trace sandstone
5340-5360	100%	<u>Shale</u> - medium to dark gray, chocolate brown, very fine microcrystalline, limy, silty, micaceous, firm, slightly fissile Trace limestone - as above, grading to shale
5360-5390	90%	<u>Shale</u> - medium to dark gray, smooth, slightly silty, slightly micaceous, very calcareous, brittle, firm
	10%	<u>Limestone</u> - light to medium gray, cryptocrystalline, very fine microcrystalline, chalky in part, shaly in part, firm, dense
5390-5400	80%	<u>Shale</u> - medium to dark gray, smooth, calcareous, slightly fissile, firm, medium hard
	20%	<u>Limestone</u> - light to medium gray, cryptocrystalline to very fine microcrystalline, slightly lithographic, medium hard, dense
5400-5420	70%	<u>Shale</u> - dark gray, silty, limy in part, slightly fissile, firm, medium hard
	30%	<u>Limestone</u> - cream, light to medium gray, tan, transparent, cryptocrystalline, very fine microcrystalline, marly in part, firm, medium hard
5420-5430	90%	<u>Shale</u> - as above
	10%	<u>Limestone</u> - as above
5430-5440	100%	<u>Shale</u> - medium to dark gray, smooth, slightly silty, calcareous, very limy in part, fissile, platy, firm, medium hard, brittle Trace limestone - as above

5440-5480	50%	<u>Shale</u> - as above, becoming medium gray, marly
	50%	<u>Limestone</u> - medium gray, tan, transparent, crypto-crystalline, some very fine microcrystalline, occasionally micaceous, lithographic, some fossiliferous, firm, medium hard, dense
5480-5510	100%	<u>Shale</u> - chocolate brown, medium to dark gray, silty, calcareous, micaceous, very fine sand, firm Trace bentonite, limestone
5510-5520	80%	<u>Shale</u> - as above
	10%	<u>Sandstone</u> - white, clear, medium grained, angular, poorly sorted, calcareous, friable, firm
	10%	<u>Limestone</u> - white, light gray, cryptocrystalline, chalky, sandy in part, firm
Very poor samples		
5520-5530	100%	<u>Shale</u> - as above
5530-5540	90%	<u>Shale</u> - dark gray, very silty, sandy, calcareous, micaceous, firm, fissile
	10%	<u>Limestone</u> - light to medium gray, cryptocrystalline, sandy, micaceous, marly, firm
5540-5570	100%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline, some sandy, occasionally micaceous, slightly siliceous, chalky, soft, firm Trace shale - as above
5570-5580	80%	<u>Limestone</u> - as above, becoming marly
	20%	<u>Shale</u> - medium to dark gray, smooth, slightly silty, calcareous, firm
5580-5610	100%	<u>Shale</u> - as above, some very limy, micaceous, slightly fissile, medium hard Trace limestone - as above
5610-5630	60%	<u>Shale</u> - as above
	40%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline, very fine microcrystalline, marly, firm, medium hard, dense
5630-5670	100%	<u>Limestone</u> - light to medium gray, tan, slightly transparent, cryptocrystalline, very fine microcrystalline, slightly waxy, chalky in part, occasionally shaly, firm, medium hard, dense Trace shale - as above
5670--5680	70%	<u>Shale</u> - medium to dark gray, smooth, silty, calcareous, slightly fissile, some very marly, firm
	30%	<u>Limestone</u> - as above, some becoming very shaly

5680-5730	100%	<u>Shale</u> - as above, some waxy, shaly, firm Trace limestone - as above
5730-5740	90%	<u>Shale</u> - as above
	10%	<u>Limestone</u> - white, light to medium gray, chalky, waxy, firm, medium hard
5740-5750	80%	<u>Shale</u> - as above
	20%	<u>Limestone</u> - as above
5750-5770	100%	<u>Shale</u> - dark gray, smooth, calcareous, trace anhydrite firm, fissile Trace limestone - as above
5770-5780	90%	<u>Shale</u> - as above
	10%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline firm, dense
5780-5790	100%	<u>Limestone</u> - white, light gray, tan, transparent in part, cryptocrystalline, chalky in part, occasionally siliceous, marly in part, firm, medium hard, dense Trace shale - as above
5790-5810	80%	<u>Limestone</u> - as above, becoming medium gray, marly, fragmented, lithographic, fossiliferous, firm
	20%	<u>Shale</u> - medium to dark gray, smooth, limy, fissile, firm
5810-5820	80%	<u>Shale</u> - medium to dark gray, smooth, some very limy, firm, medium hard
	20%	<u>Limestone</u> - as above
5820-5840	100%	<u>Shale</u> - medium to dark gray, slightly silty, calcareous, occasionally very limy, marly, firm, medium hard Trace limestone - as above
5840-5850	80%	<u>Shale</u> - as above
	20%	<u>Limestone</u> - medium gray, medium brown, cryptocrystalline, very fine microcrystalline, slightly sucrosic, slightly friable, marly, firm, some pyritic Trace vuggy porosity, faint yellow fluorescence when hit with chloroethene, residual faint yellow-blue cut
5850-5860	80%	<u>Limestone</u> - as above, some micaceous, lithographic, medium microcrystalline, firm, medium hard
	20%	<u>Shale</u> - as above
5860-5870	60%	<u>Shale</u> - as above
	40%	<u>Limestone</u> - as above, tan, transparent, cryptocrystalline, siliceous, medium hard
5870-5880		No sample

Very poor samples

5880-5890	100%	Shale, limestone cavings
5890-5900	70%	<u>Shale</u> - medium to dark gray, smooth, calcareous, firm
	30%	<u>Limestone</u> - medium to dark gray, white, tan, crypto-crystalline, firm, medium hard, dense
5900-5910	40%	<u>Shale</u> - dark gray, smooth, slightly to very calcareous, slightly fissile, firm
	60%	<u>Limestone</u> - light to medium gray, white, cryptocrystalline, slightly marly in part, pyritic, micaceous, slightly dolomitic, firm, medium hard
5910-5920	70%	<u>Shale</u> - as above
	30%	<u>Limestone</u> - as above
5920-5930	50%	<u>Shale</u> - medium gray, smooth, marly, firm
	50%	<u>Limestone</u> - as above, medium gray, marly, firm
5930-5940	90%	<u>Limestone</u> - white, light to medium gray, transparent, cryptocrystalline, chalky in part, slightly dolomitic in part, soft to firm, medium hard
	10%	<u>Shale</u> - as above
5940-5950	100%	<u>Shale</u> - dark gray, smooth, slightly calcareous in part, very calcareous in part, slightly fissile, firm, medium hard Trace limestone - as above
5950-5960	100%	<u>Limestone</u> - white, tan, light to medium gray, transparent in part, cryptocrystalline, some very microcrystalline, pyritic, micaceous, firm, medium hard Trace shale
5960-5980	90%	<u>Limestone</u> - as above, chalky, firm
	10%	<u>Shale</u> - medium gray, smooth, limy, firm
5980-6000	70%	<u>Limestone</u> - as above, chalky, marly, firm
	30%	<u>Shale</u> - as above, some pyritic
6000-6010	50%	<u>Limestone</u> - white, cream, light to medium gray, crypto-crystalline, chalky, firm
	50%	<u>Shale</u> - medium to dark gray, smooth, limy in part, pyritic, firm, medium hard
6010-6040	100%	<u>Shale</u> - dark gray, black, smooth, calcareous, carbonaceous, firm, fissile Trace limestone Abundant cavings

6040-6050	80%	<u>Shale</u> - as above
	20%	<u>Limestone</u> - white, light to medium gray, chalky, firm
6050-6060		No sample
6060-6070	80%	<u>Limestone</u> - white, tan, light to medium gray, cryptocrystalline, chalky, very dolomitic in part, firm, medium hard
	20%	<u>Shale</u> - dark gray, smooth, marly, waxy, firm
6070-6080	100%	<u>Limestone</u> - as above, some very fine microcrystalline, slightly sucrosic, firm Trace shale - as above
6080-6120	100%	<u>Limestone</u> - white, transparent, cryptocrystalline, chalky, soft to form, dense Trace shale - as above
6120-6190	100%	<u>Shale</u> - dark gray, black, smooth, slightly silty, calcareous, carbonaceous, firm, fissile Trace limestone - as above
6190-6200	50%	<u>Shale</u> - as above
	50%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline very fine microcrystalline, fossiliferous, chalky, slightly sucrosic, firm, medium hard, predominantly dense, Trace anhydrite
6200-6210	100%	<u>Limestone</u> - white, light to medium gray, cryptocrystalline, transparent in part, chalky in part, waxy, firm, dense Trace shale - as above
6210-6240	100%	<u>Limestone</u> - white, cream, tan, transparent, cryptocrystalline, chalky, firm, medium hard, dense
6240-6250	100%	<u>Limestone</u> - medium gray, transparent in part, cryptocrystalline, very fine microcrystalline, lithographic, fossiliferous, firm, medium hard
6250-6300	100%	<u>Shale</u> - dark gray, black, smooth, calcareous, carbonaceous, firm, slightly fissile Trace limestone - as above
6300-6310	100%	<u>Shale</u> - as above, some pyritic, very marly, limy, firm
6310-6320	50%	<u>Shale</u> - as above
	50%	<u>Limestone</u> - medium gray, cryptocrystalline, very fine microcrystalline, lithographic, slightly sucrosic, friable, firm Trace anhydrite
6320-6330	20%	<u>Anhydrite</u> - white, soft, firm
	40%	<u>Limestone</u> - as above
	40%	<u>Shale</u> - dark gray, black, calcareous, carbonaceous, fissile, firm

6330-6345	80%	<u>Limestone</u> - medium gray, cryptocrystalline, very fine microcrystalline, marly, lithographic, fossiliferous, firm, medium hard
	20%	<u>Shale</u> - dark gray, black, calcareous, carbonaceous, firm, fissile
6345-6405		See core description
6405-6410	100%	<u>Shale</u> - dark gray, black, calcareous, fissile, firm Trace anhydrite
6410-6433	100%	<u>Shale</u> - medium dark gray, black, smooth, silty, calcareous, marly, carbonaceous, fissile, pyritic, anhydritic, firm Trace anhydrite Trace limestone

COMPLETION REPORT

Well: Bug #7-A Date: July 14, 1982

Area: Bug Field Lease No: Fee

New Field Wildcat Development Well Shallower Pool Test
 New Pool Wildcat Extension Deeper Pool Test

Location: 2172 feet from North line, 2308 feet from East line, SW $\frac{1}{4}$ NE $\frac{1}{4}$
Section 7, Township 36 South, Range 26 East
County: San Juan State: Utah

Operator: Wexpro

Elevation: KB 6665.4' GR 6653' Total Depth: Driller 6430' Log 6433'

Drilling Commenced: December 11, 1981 Drilling Completed: January 2, 1982

Rig Released: January 8, 1982 Well Completed: January 8, 1982

Sample Tops: (unadjusted)

Honaker Trail 4915'
Paradox 5400'
Upper Ismay 5865'
Lower Upper Ismay 6052'
Lower Ismay Shale 6130'
Lower Ismay Porosity 6200'
"B" Zone 6248'
Desert Creek 6314'
Lower Bench D.C. 6352'
D. C. Porosity 6362'
Akah 6398'
Salt 6425'

Log Tops:

Morrison Surface
Summerville 1077'
Entrada 1105'
Carmel 1262'
Navajo 1295'
Chinle 1990'
Shinarump 2716'
Cutler 2950'
Honaker Trail 4702'
Paradox 5381'
Ismay 6050'
Ismay Shale 6125'
Lower Ismay 6195'
"B" Zone 6250'
Desert Creek 6306'
Lower Bench 6351'
D.C. Porosity 6361'
Akah 6380'
Salt 6429'

Sample Cuttings: 10' samples/ 4500' to TD

1 dry cut to SLC
1 wet cut to Amstrat-Denver

Status: Plugged & Abandoned (converted to fresh water source)

Producing Formation: N/A

Perforations: N/A

Stimulation: N/A

Production: N/A

Plug Back Depth: 2170'

Plugs: 6350-6250', 5430-5330', 4750-4650', 3000-2900', 2370-2170'

Hole Size: 12-1/4" Surface to 2280'
8-3/4" 2280-6430'

Casing/Tubing: 9-5/8", 36# @ 2270'

Logging - Mud: Rocky Mountain Geo-Engineering 4500-6430'

Mechanical: Schlumberger 2470-6433' DIL, CNL/FDC

Contractor: Mesa #1

Completion Report Prepared by: Roger W. Fallon

Remarks: API #43-037-30730