



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 1995 - Cut Bank, Montana 59427-1995 - (406) 873-2235

RECEIVED
DEC 14 1983

December 9, 1983

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

RE: Edris Calvert No. 1 Well
Wildcat (Ginger Hill Prospect)
SWNW Sec. 35-T34S-R25E-SLM
San Juan County, Utah

Gentlemen:

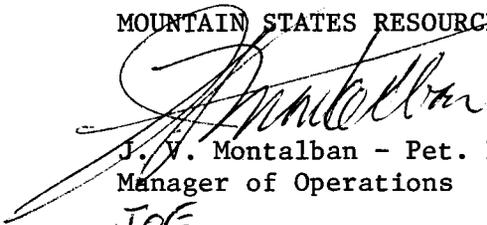
Enclosed herewith please find an original and three copies of your Application for Permit to Drill (Form OGC-1a) the above captioned well.

We will appreciate your returning the copy marked "Our Copy-Return" stamped with your approval and Permit Number.

Thanking you for your kind attention to this matter, I remain

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.


J. V. Montalban - Pet. Eng.
Manager of Operations

JOE

JVM/cbm
Encs: (4)

P. S. A copy of the Surveyors Plat and Geologic Well Prognosis are attached to the Application.

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FEE

5. Lease Designation and Serial No.

D/N/A

6. If Indian, Allottee or Tribe Name

NONE

7. Unit Agreement Name

EDRIS CALVERT

8. Farm or Lease Name

NO. 1

9. Well No.

WILDCAT (Ginger Hill Prospect)

10. Field and Pool, or Wildcat

Sec. 35-T34S-R25E-SLM

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

San Juan County, Utah

12. County or Parrish 13. State

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL [X]

DEEPEN []

PLUG BACK []

b. Type of Well

Oil Well [X]

Gas Well [X]

Other

Single Zone []

Multiple Zone []

2. Name of Operator

MOUNTAIN STATES RESOURCES, INC.

3. Address of Operator

CBM Bldg. - Box 176 - Cut Bank, Montana 59427

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

At surface

1820' FNL and 570' FWL (SW of NW)

At proposed prod. zone

As Above

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

2 Miles South of Eastland, Utah

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

570'

16. No. of acres in lease

320

17. No. of acres assigned to this well

40

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

19. Proposed depth

5800'

20. Rotary or cable tools

Rotary

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

6766 Ground (Before Grading)

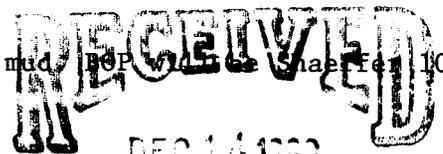
22. Approx. date work will start*

December 15, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 12 1/4" casing with 500 Sax and 7 7/8" casing with 150 Sax.

- 1. Mountain States Resources, Inc. will act as Project Operator for the joint group of Mountain States Resources, Inc., Monte Grande Exploration, Inc. and Gypsy Highview Gathering System, Inc..
2. The name of the well will be: Mountain States Resources, Inc. MGE/GHGS Edris Calvert #1.
3. The well will be drilled to approx. 5700' as a Desert Creek Test.
4. 12 1/4" surface hole will be drilled to accomodate approx. 1500' of 8 5/8" - 24#, J55 surface casing, cemented with 500 sax.
5. Proper BOP will be used and well will be controlled with mud BOP with 10" Series 900 - Double ram with 2" choke manifold.



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

[Signature]

Title Manager of Operations

Date December 8, 1983

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

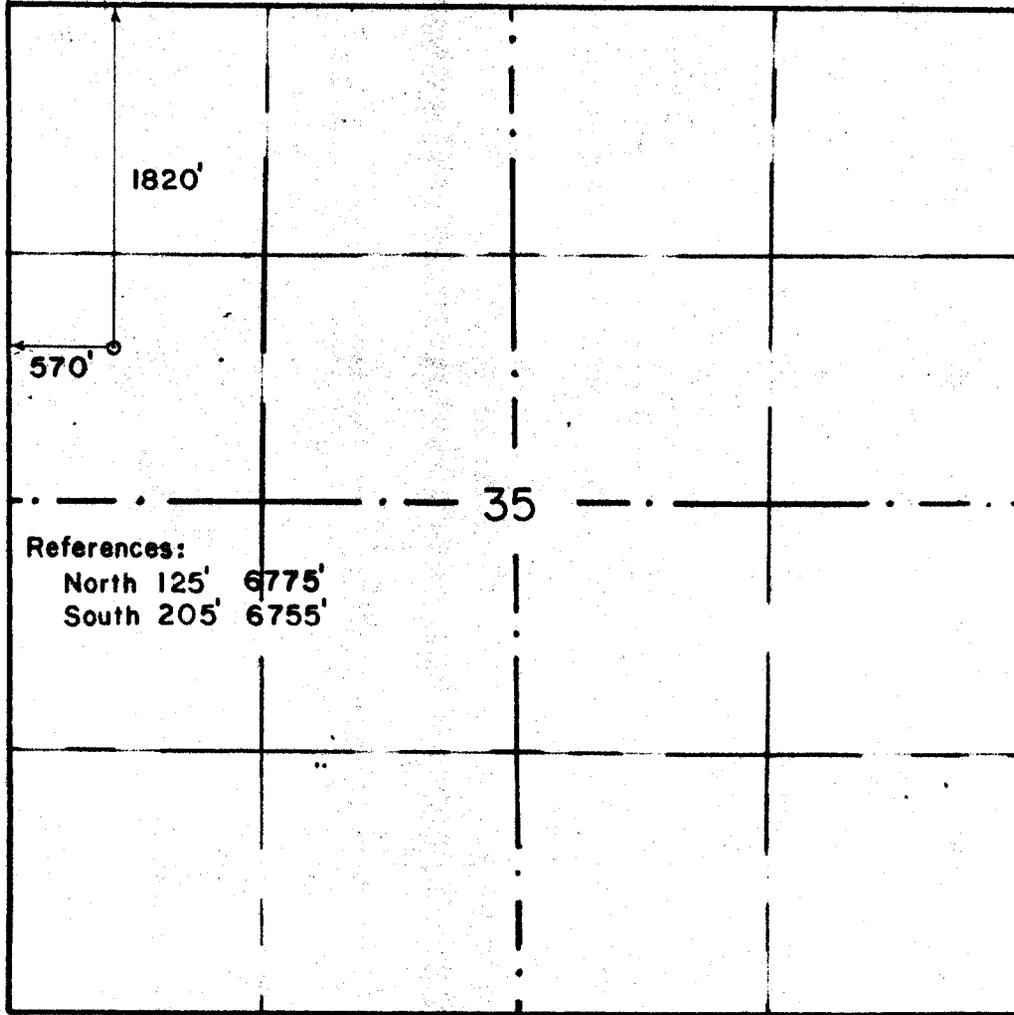
Conditions of approval, if any:



POWERS ELEVATION

Well Location Plat

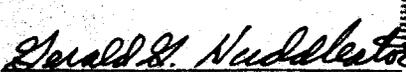
R. 25 E.
79.94 CHAINS

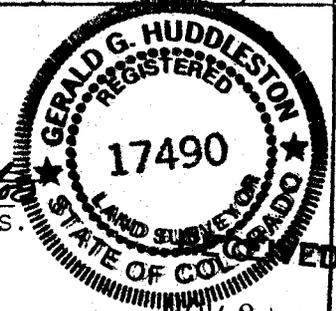


References:
 North 125' 6775'
 South 205' 6755'



80. CHAINS

Operator MOUNTAIN STATES RESOURCES, INC.		Well name MSR GHGS CALVERT #1	
Section 35	Township 34 SOUTH	Range 25 EAST	Meridian S.L.M.
Footages 1820' FNL and 570' FWL		County/State SAN JUAN CO, UTAH	
Elevation 6766'	Requested by RENO RONCO		
The above plat is true and correct to the best of my knowledge and belief.			
15 NOV. '83		 Gerald G. Huddleston, L.S.	



NOV 21 1983

MOUNTAIN STATES RESOURCES, INC.

OPERATOR Mountain States Resources, Inc DATE 12/16/83

WELL NAME Edris Colbert #1

SEC SWNW 35 T 34S R 25E COUNTY San Juan

43-039-30972
API NUMBER

See
TYPE OF LEASE

POSTING CHECK OFF:

INDEX MAP HL

NID PI

PROCESSING COMMENTS:

NO OIL OR GAS WELLS WITHIN 4960' APPROVED BY THE STATE
WATER OK
12-21-83
Morrison

CHIEF PETROLEUM ENGINEER REVIEW:

12/22/83

APPROVAL LETTER:

SPACING: A-3 UNIT c-3-a CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

WATER See attachment

Left a msg with
critria for goe
to call:
Bond
water.
Morrison
12-20-83

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

~~20 bond as of 12-20-83~~
Rec'd 12-21-83

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

BY: _____

DATE: _____

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

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

This permit follows illegal drilling
of the well which commenced Dec 4, 1963.
Absolute compliance with the laws,
rules, regulations, and other lawful
requirements of this agency is essential
if you plan to continue doing business
in the State of Utah. Please be advised
that future disregard for the lawful
requirements of this agency will likely
result in substantial monetary
penalty and civil proceedings.

We trust you will insure full compliance
in dealing with the State of Utah in the
future, and we extend our hopes
that your drilling ventures here will
be successful.

December 21, 1983

Mountain States Resources, Inc.
CBM Bldg., Box 176
Cut Bank, Montana #9427
5

RE: Well No. Edris Calvert #1
SWNW Sec. 35, T. 34S, R. 25E
1820' FNL, 570' FWL
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. This permit follows illegal drilling of the well which commenced December 1, 1983. Absolute compliance with the laws, rules, regulations, and other lawful requirements of this agency is essential if you plan to continue doing business in the State of Utah. Please be advised that future disregard for the lawful requirements of this agency will likely result in substantial monetary penalty and civil proceedings. We trust you will insure full compliance in dealing with the State of Utah in the future, and we extend our hopes that your drilling ventures here will be successful.

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

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

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 43-037-30972.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Encl.



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1983

DAILY WELL REPORT

Mountain States Resources, Inc./MGE/GHGS Edris Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

LOCATION: SEC.35-T34S-R25E-SLM
Wildcat (Ginger Hill Prospect) San Juan County, Utah
6766 Ground (Before Grading) 5880' Proposed Depth
1820' FNL - 570' FWL (SW of NW) 2 miles south of Eastland, Utah

Nov.26/83 Saturday Urado Construction - Dove Creek, Colorado, started making location with two (2) cats) D-8 and D-6, started to clear and grade road to location.
Shut down Saturday night, ground blizzard and heavy snow.

Nov.28/83 Monday Resumed operation, had to plow road with grader, continued making location and excavating for reserve pit.

Nov.30/83 Wednesday Finish well location.....

Dec.1/83 L.C. Jones, Grants, New Mexico, drilled conductor hole.
Drilled 41' of 20" conductor hole. Ran and set 40' of 14"-40# conductor pipe. Set at 55' K.B., cemented with 25 sacks cement.
" Superior Cement Products, Cortez, Colorado"

Dec.2/83 Friday W.O.C. & Waiting on Contractor.

Dec.16/83 Friday Energy Search Drilling Co. moving on Rig #1 - IDECO MODEL 1,000.
Will move on, rig up and spud over the week-end.....

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DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil Gas and Mining

BOND

Know all men by these presents,

That
We: Mountain States Resources, Inc. a Montana Corporation, Box 176, Cut Bank
County of Glacier in the State of Montana
as Principal,
and Hartford Accident and Indemnity Company of Hartford, Connecticut
as surety, authorized to do business in this State, are held and firmly bound unto the
State in the penal sum as indicated, for the use and benefit of the Division of Oil,
Gas and Mining, lawful money of the United States, for which payment, well and truly
to be made to the State of Utah, we bind ourselves, and each of us, and each of our heirs,
executors, administrators or successors, and assigns jointly and severally, firmly by
these presents.

The condition of this obligation is that whereas the above bounden principal proposes
to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following
described land situated in the State of Utah, to-wit:

Statewide fee acreage

Now, therefore, if the above bounden principal shall comply with all of the provisions
of the laws of this State, and the rules, regulations and orders of the Division of Oil,
Gas and Mining of the State, all notices and records required by said office, including,
but not limited to the proper plugging of said well or wells, and filing with said
Division of the State, then this obligation is void; otherwise, the same shall be and
remain in full force and effect.

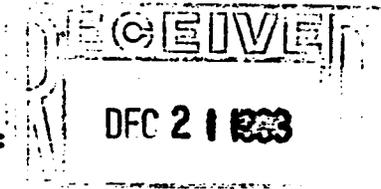
Penal sum of Fifty Thousand Dollars*****(\$50,000.00) to the State of Utah

Witness our hands and seals, this 20 day of December, 1983,
[Signature] Pres.

[Signature]
Principal Ass't/Sec.

Witness our hands and seals, this 20 day of December, 1983,
[Signature]
Attorney-in-Fact

[Signature]
Surety



Approved as to form and execution:

ATTORNEY GENERAL

By: _____
Date _____

Countersigned:
Dye, Tavary & Judge, Inc.
By: [Signature]
Montana Resident Agent



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1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.23/83

6:AM (7) Days Operation Depth: 2060' Made last 24 hrs. 197'
Status: Drilling 12 $\frac{1}{4}$ " surface hole.
Bit: #2S/B Make STC-F2, size 12 $\frac{1}{4}$ ", Jt. size 2X15, 1X16, Ser.#CL7483-Rerun
In at 1647', still in 2060', Ftge.413', Hrs.30 $\frac{1}{2}$, Ft/P/H.7.38
D/S: strg.wt.85,000, wt.on Bit 40,000, #D.C.2x8"-20X6 $\frac{1}{4}$ ", size 31X2 $\frac{1}{2}$ I.D.
30X2 $\frac{1}{2}$ I.D., Bot.Hol.Assembly 681'
Pump: Make 1 Omega-750, liners 6 $\frac{1}{2}$ "X8", stks.100, press.1000, TableRPM.80
6:AM.MUD: vis.52, wt.8.9, W.L. NC. ph.NC, F.C. 3/32, LCM. 35%
Mixed past 24 hrs: 20 Gal.of W-300 (Mud thinner), 105 sax Hulls, 5 sax
cedar fibre, 23 sax quick seal, 28 sax multi seal.
Surveys: 1/2° @ 1647
Past 24 Hrs:

20 3/4 Hrs. Drilling
3 3/4 Hrs. Mix L.C.M. and build volume.

Total....24 Hrs.

Remarks: Regained circulation yesterday morning @ 1865' @ 9:AM,
after pumping third pill of 450 Bbls. of 45% LCM.
Continued drilling through night, lost approximately 6"
of volume@ 1980'. Raised viscosity back to 55, and LCM
percentage back to 50%.
PROGRAM: Will drill to approximatley 2080' and will run
8 5/8" - 24# surface pipe to-day after cementing surface
pipe. This afternoon will shut down untill Monday, Dec²⁶,
when drilling will resume.....

"MERRY CHRISTMAS TO ONE AND ALL"

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DIVISION OF
OIL, GAS & MINING



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Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.21/83
Wednesday

6:AM (5) Days Operation Depth:1785' Made last 24 hrs. 264'
Status: Drilling with 12 1/4"
Bit: #1S/B, Make STC-F2, size 12 1/4", Jt.size 3X16, Ser.#EC-009 Rerun
In at 55', still in 1647', Ftge.1592', Hrs.65, Ft/P/H.24.5, 1 cone loose.
Bit: #2S/B, Make:STC-F2, size 12 1/4", Jt.size 2X15,1X16,Ser.#CL7483 Rerun.
In at 1647', still in 1785', Ftge.138,Hrs.6.5, Ft/P/H.20.3/4
D/S: 85,000, wt.on Bit 50,000, #D.C.2X8",20X6 1/4",Bot.Hol.Assembly 681
Pump: Make ONE-750 Omega, liners 6 1/2"X8, Stks.100, Press.1000, RPM'S 70
Mud: Vis: 62, wt.9.4, w.l.n/c, ph.8, F.C.2/32, LCM: 20%
Mixed past 24 Hrs: 46 Multi Seal, 26 Seater Fibre, 36 Hulls, 45 Gel -
2 sax soda ash.
Surveys: 3/4° @ 1174, 1/2° @ 1647
Past 24 Hrs:

14 3/4 Hrs.....Drilling
2 1/2 Hrs.....Trip out for Bit#1 & #2
1/2 Hrs.....Surveys @ 1647'
6 1/2 Hrs.....Mixing mud & LCM.

Remarks: Lost 525 Bbls. @ 1650. Pulled up off Bottom, pulled 10 stands.
Lost circ. @ 11:15A/M.
Built volume, pumped pill to bottom - resumed drilling.
with pump pressure - no returns. Then gradually got returns
back - once back heated up OK. 8 5/8' Pipe.

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DIVISION OF
OIL, GAS & MINING

Dec.22/83

6:AM (6) Days Operation Depth: 1863' Made last 24 hrs.78'
Status: Mix mud and L.C.M.
Bit: #2S/B, Make STC-F-2, size 12 1/4" Jt.size 2-15,1X16, Ser.#CL7483-Rerun
In At: 1647, still in 1863', Ftge.216', Hrs.9 3/4, Ft/P/H.22.2
D/S: Strg.wt.85,000, wt.on Bit: 50,000#, #D.C.2X8",20X6 1/4",Size.31'X2 1/2" I.D.
30'X2 1/4" I.D., Bot.Hol.Assembly 681'
Pump: Make 1-Omega 750, liners 6 1/2"X8", Stks.100, Press.1000,RPM.700
Mixed past 24 Hrs: 158 sax gel, 110 sax cotton seed Hulls, 23 sax pluggit,
20 sax multi seal, 15 fibre tex, 4 sax cedar fibre, 5 sax quick seal,
1 caustic soda.
Surveys: 1/2° @ 647'

Past 24 Hrs: 3 1/4 Hrs. Drilling
1 3/4 Hrs. Trip out to mix pills of L.C.M.
17 1/2 Hrs. Wait on water, mixing mud and L.C.M.
1 1/2 Hrs. Pumping (3) pills of heavy mud and heavy LCM
consecrated. Dry drilled 5' each pill con-
sisted of 450 barrels.

Remarks: Rig temp 0 - Dull overcast, no wind.
Cortez.....8 above @ 6:A/M.
Montecillo..0



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Daily Well Report

Mountain States Resources, Inc./MGE/GHGS/ Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

CON'T

Dec.19/83
Monday

Surveys: 1/2° @ 519 and 3/4° @ 773.
Past 24 Hrs:

22 Hrs.....Drilling
1/2Hrs.....Survey
1/2Hrs.....Rig Service
1 Hrs.....Repair Valve in conductor(Vibrated Hose)

Remarks: 8 5/8 location, Roads - Dry & clean.
Temp: 20° - Drilling break @ 10:15 - 1105, 9:P/M.

Dec.20/83
Tues.

6:AM (4) Days Operation Depth: 1521' Made last 24 hrs. 511'
Status: Drilling 12 1/2" Surface hole.
Bit: #1S/B, Make STC-F-2, size 12 1/2, Jt.size 3X16, Ser.#EC0089 #Rerun
In at 55', still in 1521', Ftge.1466, Hrs. 57 1/2, Ft.per hr.25. 3/4
D/S: string wt.81,000, wt.on Bit: 50,000, #D.C.2x8"-20x6 1/2, Bot.Hol.Assembly 681'
Pump: Make 1-750 Omega, liners 6 1/2x8", stks.100, Press.1000, Table RPM-70
Mud: vis: 46, wt.9.2, ph.7.6, F/C.3/32, LCM 32%
Mixed Past 24 Hrs: 120 sax Gel, 2 Sax W300, 85 Hulls, 8 sax Soda Ash, 48 Multi
Seal (Chips) 64 Pluggit, 25 Fibretex.
Surveys: 3/° @ 1174
Past 24 Hrs:

13 1/2 Hrs.....Drilling
1/2 Hrs.....Trip Out
1/2 Hrs.....Surveys
8 1/2 Hrs.....Fight lost Circ. Mix mud.
1 1/2 Hrs.....Wait on water

Total....24 Hrs.

Remarks: Lost circ. @ 1274' - Lost Approx. 485Bbls.
Regained partial returns....10:30AM last night.
Full returns 11:P/M 1st night.....

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DAILY WELL REPORT

Mountain States Resources, Inc./MGE/GHGS Calvert #1

ENERGY SEARCH RIG #1
(Contractor)
Bill Wiley - Toolpusher

Dec.17/83
Sat.

6:AM (1) Days Operation
Status: Rigging up, prep. to spud.
Bit: #12 $\frac{1}{4}$ ", Make: S.T.C.-F2, size 12 $\frac{1}{4}$ ", Jt.size 3X16, Ser.#Rerun
In at 55' still in.
D/S: 10,000, wt:10,000, D.C.1, size 6 $\frac{1}{4}$ ", Bot.Hol Assembly #311
Pump: (two) OMEGA 750
Mud: vis: 38, wt.8.7, W.L. n/c, ph.n/c, F.C.n/c, LCM: 2%
Mixed Past 24 Hrs: Mixed 50 Gel, 20 Sax Hulls
Surveys: None
Past 24 Hrs.

8:A/M to 4:P/M.....Move on Location
4:P/M to 7:P/M.....Rig up over Conductor Pipe, Set @ 55'
7:P/M to 6:A/M.....Rig up lights - Start engine prep. to spud
Temp: 15 Above....

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DIVISION OF
OIL, GAS & MINING

Dec.18/83
Sunday

6:AM (2) Days Operation Depth: 550'
Status: Drilling 12 $\frac{1}{4}$ " Surface hole.
Bit: 1S/B, Make: STC-F-2, size 12 $\frac{1}{4}$ ", jt.3X16, Ser.#EC0089-Rerun
In at 55", still in, Ftge 495', hrs. 22, Ft/per/hr. 22.5
D/S: string wt.62,000, wt.on Bit:50,000, #D.C.2X8"-14X6 $\frac{1}{4}$ ", Bot.Hol.Assembly 551'
Pump: Make 2x750-Omega, liners 6 $\frac{1}{2}$ "X8", Stks.72, Press.1600,RPM.70
Mud: Vis:37, wt.9.7, w.l.n/c.ph.7.6,F.C.2/32 soft, LCM:5%
Mixed Past 24 Hrs: 35Gel, 5 Hulls, 5Gal.Coat#311 (Corsive inhibitors)
Surveys: 3/4° @ 217 and 1/2° @ 519
Past 24 Hrs.

22 Hrs. Drilling
1 Hrs. Run Surveys
1 Hr Picking up D/C.

TOTAL.....24 Hrs.

Weather sunny - temp. 42°
Unload 8 5/8" on Racks. 2117' of pipe unloaded for surface casing.

Dec.19/83
Monday

6:AM (3) Days Operation Depth:1010'
Status: Drilling 12 $\frac{1}{4}$ " SurfaceHole.
Bit: 1S/B, Make: STC-F-2, size 12 $\frac{1}{4}$ ", Jt.size 3X16, Ser.#EC0089-Rerun
In @ 55'. still in 1010', Ftge.960, Hrs:44, Ft/P/H. 21.8
D/S: st.wt.73,000, wt.on Bit: 50,000, #D.C.2X8"-20X6 $\frac{1}{4}$ ", size 30' /2 $\frac{1}{4}$ "X6 $\frac{1}{4}$ "
2 $\frac{1}{2}$ -8", Bot.Hol.Assembly 681
Pump: Make Omega-2X750, liners 6 $\frac{1}{2}$ X8, Stks.80, Press.1800, RPMs.70
Mud: vis: 33, wt.9.3, w.l.n/c, ph.8, F.C.2/32,LCM.6%
Mixed Past 24 hrs: 15 Hulls, 35 Soft Gel, 5Gal.of "Coat"311(Anit Inhibitor)

Con't/



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DAILY WELL REPORT

Mountain States Resources, Inc./MGE/GHGS Edris Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

LOCATION: SEC. 35-T34S-R25E-SLM
Wildcat (Ginger Hill Prospect) San Juan County, Utah
6766 Ground (Before Grading) 5880' Proposed Depth
1820' FNL - 570' FWL (SW of NW) 2 miles south of Eastland, Utah

Nov. 26/83 Saturday Urado Construction - Dove Creek, Colorado, started making location with two (2) cats) D-8 and D-6, started to clear and grade road to location.
Shut down Saturday night, ground blizzard and heavy snow.

Nov. 28/83 Monday Resumed operation, had to plow road with grader, continued making location and excavating for reserve pit.

Nov. 30/83 Wednesday Finish well location.....

Dec. 1/83 L.C. Jones, Grants, New Mexico, drilled conductor hole.
Drilled 41' of 20" conductor hole. Ran and set 40' of 14"-40# conductor pipe. Set at 55' K.B., cemented with 25 sacks cement.
" Superior Cement Products, Cortez, Colorado"

Dec. 2/83 Friday W.O.C. & Waiting on Contractor.

Dec. 16/83 Friday Energy Search Drilling Co. moving on Rig #1 - IDECO MODEL 1,000.
Will move on, rig up and spud over the week-end.....

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**DIVISION OF
OIL, GAS & MINING**



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 1995 - Cut Bank, Montana 59427-1995 - (406) 873-2235

1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(contractor)

Dec.24/83
Saturday

6:AM (8) Days Operation Depth: 2083 Made last 24 hrs. 23'
Status: W.O.C. - Shut down for Christmas.
Bit:#2SB Make: STC.F-2, size 12 $\frac{1}{4}$ ", Jt.size:2X15,1X11, Ser.#CL-7483 Rerun
In at: 1647', out 2083', Ftge: 436', Hrs:32 3/4, F/P/H. 13.2
D/S: 85,000, wt.on Bit, 40,000, #D.C.2-8"(31'X2 $\frac{1}{2}$ "I.D.),20-6 $\frac{1}{4}$ "(30'X2 $\frac{1}{4}$ "I.D.)
Bot.Hol. Assembly 681'
Pump: Make 1-Omega-750, liners 6 $\frac{1}{2}$ "X8", stks:100, Press.1000, RPM'S 75
Mud: vis:49, wt.8.9, w.l.nil, ph.7.6, F.C.3/32, LCM:35%
Mixed past 24 hrs: 23 sax quick seal, 28sax pluggit, 10 saz gel,
Cost of mud and LCM to date \$18,338.00

Surveys: 1° @ 2083'
Past 24 hrs:

- 2 1/4 hrs. Drill 12 $\frac{1}{4}$ " hole to total depth.2083'
 - 2 3/4 hrs. Circulate hole for casing
 - 2 3/4 hrs. Trip out with drill pipe and lay down
8" drill collar.
 - 3/4 hrs. Run survey @ 2083'
 - 3 ... hrs. Wait on casing to come from yard in Cortez.
 - 4.... hrs. Run casing and cement - same.
 - 8 1/2 hrs. W.O.C.
- Total..... 24 .. hrs.

Remarks: T.D.surface @ 2083' @ 8:15PM, 12-23-83, ran 51jts. of new 8 5/8",
24# surface casing, overall measurement 2107', landed @ 2076'K.B.
Cemented with Halliburton, used 200 sax 50-50 poz cement and 2%
calcium chloride for bottom job. Bumped plug with 800#, float shoe
held ok. 9:15PM - cemented back side of 8 5/8" thru 1" line with
75 sax - 50-50 poz. Used and set 12 $\frac{1}{4}$ " basket @ 130'. Pumped
additional 25 sax 50-50 poz and filled annulus.
Halliburton finished @ 11:PM. WOC to 4:AM. 4 hrs. ran 1" back in
annulus, Annulus remained full to surface.
8:AM - 8:AM Nippling up and welded plate between 8 5/8" surface
string and 14" conductor pipe.
8:AM December 24/83 - shut down for christmas untill Monday,Dec.26/3.

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1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

35 345 R25E ENERGY SEARCH RIG #1
(Contractor)
Bill Wiley - Toolpusher

Jan. 4/84
Wednesday

6:AM (17) Days Operation - Depth 5823 T.D. Made last 24 hrs. 292'
Status: Logging
Bit: #5, Make SEC.S86F, size 7 7/8", jt.size 2x12Blank, Ser.#102061 (new)
In at: 4483', Out 5823', Ftge.1340', Hrs.69 1/2, Ft/P/H.19.35
D/S: strg.wt.140,000#, wt.on Bit 40,000#, #D.C.20, size 6 1/4"x2 1/4" I.D.
Bot.Hol.Assembly 611.52
Pump: Make Omega D750, liners 6 1/2"x8", Stks.96, press.1800, RPM's 60
Mud: vis: 48, wt.9.1, w.l.8.6, ph.8.5, F.C.1/32, LCM. Nil
Mixed past 24 Hrs: 54 sax gel, 8 sax drispac, 7 sax soda ash, 8 sax q-broxin,
1 sax driscose,.....Daily cost \$1,784.00.....cumulative \$23,467.00
Surveys: 1° @ 5823'
Past 24 Hrs:

17 1/4 Hrs. Drilling
1/2 Hrs. Rig Service
2 Hrs. Circulation
1 Hrs. Short trip - 15 stands
2 1/2 Hrs. Trip out of hole for logs.
3/4 Hrs. Rig up and log with go....

Total... 24.... Hrs.

Remarks: TD. 5823'.....11:45PM - 1/3/84.
Logs went to 5827' - Top of salt - 5820' Driller depth.
Temp. 18° - Clear.....

Jan. 5/84
Thursday

NOON (18) Days Operation - Depth: 5823'Driller - 5827' Logger
Status: Ran 4 1/2" Production Casing W.O.C. and rigging down.
Remarks: Ran 132 jts. of 4 1/2" - 10.5# J55 production casing. Set @ 5335' K.B.
Cemented with 250 sax 50-50 poz, cemented with 2% gel, and 10% salt.
Good mud returns through out cementing. Bumped plug on float collar with
900#. Float held o.k. Finished cementing 11:A.M. - Jan.5/84.
Will move rig off location over week end and will move completion rig on hole
first of next week. Will attempt completion in 4 zones of Hermosa and upper
Ismay.....

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Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Jan.2/84
Monday

6:AM (15) Days Operation Depth: 5085', Made last 24 hrs. 493'
Status: Drilling
Bit:#5, Make: SEC-S-86, size 2x12Blank, Jt.size 7 7/8", Ser.#102061
In at: 4483', still in 5085', Ftge: 602', Hrs:28½, Ft/P/H.21.30
D/S: strg.wt.131,000#, wt.on Bit: 40,000#, #D.C.20, size 6½x2½, Bot.Hol.
Assembly 611.52 - incl.Bit Sub & Junk Sub.
Pump: Make One Omega 750, liners 6½"x8", stks.96, press.1800, RPM'S 60.
Mud: Vis: 32, wt.8.9#, w.l.20, ph.9, F/C.2/32, LCM: Nil
Mixed past 24 Hrs: 5 gallons coat-311, 2 sax soda ash, 1 sax caustic .
Daily \$90.00 - cumulative \$21,433.00
Surveys: 1½° @ 4981'
Past 24 Hrs: 23 Hrs. Drilling
 1/2 Hrs. Survey @ 4981'
 1/2 Hrs. Rig Service
Total..... 24 Hrs.

Remarks: 25jts. 8 5/8 went back to town. 1-jt.8 5/8 on rack for landing jt.
Weather: Clear - Sunny - 35°.Above.

Sample Tops: Top Hermosa: 4335'
(upper Hermosa - Hoeniker trail)
1st. Show: 4458 + 4481 = 5 units to 42 units.
C-1 to C-2 - Sandstone - Fair porosity
2nd Show: 5004 - 5014 = 10' - Gas Show
5 units to 120 units - Back to 16 units/had slight
cut fluorescence, poor to fair porosity - oolitic line.

Jan.3/84
Tuesday

6:AM (16) Days Operation, Depth: 5531', Made 1st 24 hrs. 446'
Status: Drilling w/Bit #5.
Bit:#5, Make: SEC.S-86, size 7 7/8", jt.size 2x12Blank. Ser.#10206(New)
In at: 4483', still in 5531', Ftge.1048', Hrs. 52, Ft/P/H.20.15
D/S: strg.wt.138,000#, wt.on Bit 40,000', #D.C.20, size 6½x2½", Bot.Hol
Assembly 611.52' incl.Bit Sub. & Junk Sub.
Pump: One Omega-750, liners 6½"x8". stks.96, press.1800#, Table RPM'S 60
Mud: Vis: 31, wt.8.9, w.l.20, ph.9, F/C.2/32.LCM: Nil.....
Mixed past 24 hrs: 20 sax gel, 3 sax Bennex, 2 caustic soda, 2 sax soda ash.
Daily \$250.00 - cumulative \$21,683.00
Surveys: 1½° @ 4981'
Past 24 Hrs: 23 3/4 Hrs. Drilling
 1/4 Hrs. Rig Service
Total..... 24 Hrs.

Remarks: Weather: Clear and Sunny - Roads Dry.. Temp. 20° to 35°.



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1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.31/83
Saturday

6:AM (13) Days Operation Depth: 4272', Made last 24 hrs. 532'
Status: Drilling 7 7/8" hole.
Bit: #4, Make:SEC-S-86, size 7 7/8", Jt.size 2x12-1Blank, Ser.#108094
In at: 3105', still in 4272', Ftge.1167, Hrs.53 3/4, Ft/P/H. 21.71'
D/S: strg.wt.118,000#, wt.on Bit:40,000', #D.C.20, size 6 1/2x30x2 1/4 I.D.
Bottom Hole Assembly 608.56
Pump: Make Omega 750, liners 6 1/2"X8", stks.98, press.1800, Table RPM's.60
Mud: vis: 32, wt.8.9, w.l.20, ph.8, F.C.2/32 soft, LCM: Nil
Mixed past 24 Hrs: 20 gel, 5 Bennex, 6 caustic soda, 1 soda ash, 9 Pluggit,
2 Hulls.
Surveys: 1 1/2° @ 4095'
Past 24 Hrs:

23 hrs. Drilling
3/4 hrs. Circ. and run survey
1/4 hrs. Rig Service

Total..... 24 Hrs.

Remarks:

Temp: 20 Above.....snow flurries....Roads clear.....
Called Connie @ 8:A/MTime to get out to location
with your trailer to-day. Be there by Noon.
Mud logging unit on location 4:00P/M. yesterday Fri:12/30/83.
Rigged up and started mud logging @ 8:P/M. @ 4,100' last nite.

Jan.1/84
Sunday

6:AM (14) Days Operation Depth: 4592, Made last 24 Hrs. 322'
Status: Drilling
Bit: #4, Make:SEC-S86, size 7 7/8", Jt.size 2x12-1Blank, Ser.#108094
In at: 3105', out 4483' Ftge.1378', Hrs. 64 1/4, Ft/P/H.21.44
Bit: #5
In at: 4483', still in 4592', ftge.109, hrs.5 1/4, Ft/P/H. 18.95
D/S: strg.wt.123,000, wt.on Bit 40,000, #D.C.20, size ,Bot.HolAssembly
611.52' Bit sub & Junk Basket.
Pump: Make One Omega 750, liners 6 1/2"X8", stks.96, press.1900#, RPM'S 60.
Mud: vis: 32, wt.8.9, w.l.20, ph.8.7, F.C.2/32, LCM: Nil
Mixed past 24 Hrs: 35 sax caustic soda, 3 sax soda ash, 5 gel,
Daily cost \$123.00 - Cumulative \$\$21,343.00
Surveys: 1 1/2° @ 4483'

Past 24 Hrs: 17 3/4 Hrs. Drilling
3 3/4 Hrs. Trip for Bit#4 Out & #5 in.
1/4 Hrs. Survey @ 4483.
1/2 Hrs. Rig Service
1/4 Hrs. Check B.O.P.
1/2 Hrs. Circ. hole prior to trip.
3/4 Hrs. Wash 10' to bottom.

1/4 Hrs. Work junk basket on bottom - Attempt to pick
Total 24 Hrs. up Swedish Buttons.

Weather: Clear and Sunny - Temp.30 Above.....



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Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.30/83

6:AM (12) Days Operation Depth: 3740', Made last 24 hrs. 464'
Status: Drilling 7 7/8" Hole.
Bit: #4, Make : SEC.S-86, size 7 7/8", Jt.size 2x12, Blank, Ser.#108094
In at: 3105', still in 3740', Ftge. 635', Hrs. 30.3/4, Ft/P/H.20.65
D/S: St.wt.109,000, wt.on Bit 40,000.#D.C.20,size 6 1/2x30x2 1/4 I.D.- Bot.Hole
Assembly 608.56 inclu.Bit Sub.
Pump: (1) Omega-750, liners 6 1/2x8", stks.98, press.1800#, Table R.P.M'S.60.
Mud: vis:31, wt.8.8, w.l.25, ph.8,F/C.2/32, LCM: Nil
Mixed past 24 hrs: 57 gel, 4 caustic soda, 4 sax Bennex, 1 sax soda ash,
5 gallons of coat 311, Daily cost\$410.00 - Cumulative cost.\$20,610.00
Surveys: 1 1/4° @ 3604.....Bob Zickler, (Penwell) Mud Engineer.....
Past 24 Hours:

21 3/4 Hrs. Drilling
3/4 Hrs. Circ. and survey
1/2 Hrs. Rig Service
1 Hrs. Rig repair: Derrick light string went out-
lay down one joint crooked Drill Pipe.

Remarks: WEATHER.....Clear and Sunny - 25° Above.....



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1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.28/83
Wednesday

6:AM (10) Days Operation Depth: 2918, made last 24 hrs.568'
 Status: Drilling 7 7/8" Hole.
 Bit: #3, Make:Sandvik-CF520,size 7 7/8"-Blank, Ser.#33036 (new)
 In at 2083, still in 2918', Ftge.835',Hrs.33½,Ft/P/H.24.9
 D/S: strg.wt.86,000, wt.on Bit 40,000, #D.C.20, size 6½x30'x2¼"I.D.
 Bot.Hole Assembly 608.56inc.Bit-Sub.
 Pump: (1) Omega-750, liners 6½x8", stks.100, press.1750, RPM'S.65
 Mud: vis:34, wt.9.0, w.l.25, ph.8.0, F/C.2/32, LCM: nil.
 Mixed past 24 Hrs: - 1 caustic soda, nor more mix, because mud gel
 yielded from yesterday. Used 10 loads of water to condiction mud.
 Surveys: 1/4° @ 2591'.
 Past 24 Hrs:

23 1/2 hrs.	Drilling
1/4 hrs.	Survey
1/4 hrs.	Rig Service

Total..... 24 Hrs.

Remarks: Weather turned cold. Roads frozen.....

Dec/29/83
Thursday

6:AM (11) Days Operation Depth: 3276', Made last 24 hrs.358'
 Status: Drilling
 Bit: #3 Make:Sandvik-CF520, size 7 7/8", jt.size 2x12-Blank, Ser.#33036(new)
 In at: 2083', still in 3105', Ftge.1022, Hrs.43 Ft/P/H.23.76(All buttons gone)
 Bit: #4 Make:SEC.S-86, size 7 7/8", jt.size 2x12-Blank, Ser.#108094
 In at: 3105', still in 3276', Ftge.171', Hrs. 9, Ft/P/H.19.00
 D/S: 104,000, wt.on Bit 40,000, #D.C.20, size 6½x2¼"I.D.x30.Bot.Hol.Assembly
 608.56 - includes Bit -Sub.
 Pump: (1) Omega - 750, liners 6½x8", stks.98, press.1800, RPM'S.60
 Mud: vis: 32, wt.9.1, w.l.28, ph 8, F/C.3/32, LCM 0.
 Mixed past 24 Hrs. 5 gallon/cans of B-33, 2 sax caustic soda, 1 soda ash,
 5 gallons of coat 3-11, (460.00 daily) \$20,200.00 cumulative cost.
 Surveys: 1½° at 3105
 Past 24 Hrs:

18 ½ Hrs.	Drilling
3½ Hrs.	Trip for Bit.
1/4 Hrs.	Survey
1/4 Hrs.	Test B.O.P.
1/2 Hrs.	Circ. for trip.
1 Hr.	Cut and slip 60" Dry Line.

Total..... 24 Hrs.

Remarks: Cold - Temp. 3° Below.....8:AM.
 Shake out all LCM over shaker yesterday.
 Drilling with water.....



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1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

ENERGY SEARCH RIG #1
(Contractor)

Dec.27/83
Tuesday

6:AM (9) Days Operation Depth: 2350' Made last 24 hrs. 267'
Status: Drilling 7 7/8" hole.
Bit: #3 Make: Sandvik-CF520', size 7 7/8", jt.size 2X12 Blank, Ser.#33036(New)
In at: 2083', Still in 2350', Ftge.267, Hrs:10, F/P/H/.26.7
D/S: 81,000, wt.on Bit 40,000, #D.C.20, size: 6 1/2"x30"x2 1/4" I.D. Bot.Hole Assembly
608.56 (incl.shock sub)
Pump: Make: (1) Omega, liners 6 1/2"x8", stks.100, press.1850#, RPM'S 60
(750)
Mud: Vis: 38, wt.8.8, w.l.20, ph.9, F/C. 2/32, LCM: 12%
Mixed past 24 Hrs: 63 gel, 8 sax Bennex, 4 sax bicarbonate soda, 3 sax
caustic, 15 sax Hulls, 2 sax quoboxin, 10 gal. coat W311.....
Surveys: 1° @ 2083'.

Past 24 Hrs:

Monday - December 26/83.

7:AM - Noon - Resumed operations.....5 Hrs.
Preparing rig to drill out.

Noon - 2:PM Ran in hole 7 7/8" bit, toggged
cement top @ 2031' inside 8 5/8",
drilled cement and shoe.

2:PM - 3:PM Test BOP.

3:PM - 6:AM Drilling and working on pump.
.....

11 Hrs. Drilling (1hr. cement - 10Hrs. new hole)

2 1/2Hrs. Trip in and out of hole.

1 Hr. Test BOP

5 Hrs. Rig up and work on pump.

2 Hrs. Cut and slip 60' of drilling line.

3/4Hrs. Rig up floor.

1/2Hrs. Circulate hole.

1/2Hrs. Rig service.

1 Hrs. Dry watch - 6:AM to 7:AM

Total..... 24 Hrs.

Weather 42° and thawing.....

Roads very muddy, almost impassable to-day.....



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY -- MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

January 7, 1983

Mountain States Resources, Inc.
P. O. Box 176
Cut Bank, Montana 59427

Gentlemen:

Enclosed is the final log on your well Edris Calvert #1, located in Section 35, T34S, R25E of San Juan County, Utah.

We appreciated the opportunity to serve you. If we can be of any further assistance in the final evaluation of zones encountered, please feel free to call on us.

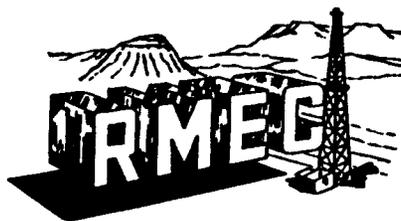
We are looking forward to working with you again in the near future. Thank you again.

Sincerely,


Doug Barron
President

DRB:jl
ENC: 6 FINAL LOGS

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JAN 13 1984
MOUNTAIN STATES RESOURCES, INC.



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

ZONE OF INTEREST NO. 1

INTERVAL: From 4458' To 4481' (23')

DRILL RATE: Abv 3-4 M/ft Thru ½-1½ m/ft Below 4-7 m/ft

MUD GAS-CHROMATOGRAPH DATA

	Total Gas	C1	C2	C3	C4-i	C4-n	C5	He	
Before	2	225							
During	44	4500	430						
After	4	430							

Type gas increase: Gradual Sharp

Gas variation within zone: Steady Erratic Increasing Decreasing

CARBIDE HOLE RATIO: $\frac{\text{GRAMS}}{\text{READING}}$ X Min. in Peak = 3 Sensitivity: Poor Fair Good

FLUO: Mineral Even Spotty
 None % in total sample _____
 Poor
 Fair % in show lithology _____
 Good COLOR: _____

CUT: None Streaming
 Poor Slow
 Fair Mod
 Good Fast
 COLOR: _____

STAIN: None Poor Fair Good Live Dead Residue Even Spotty Lt. Dk.

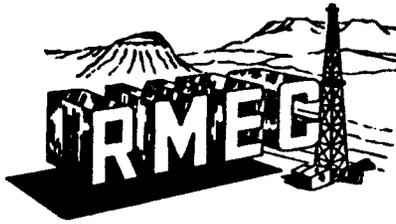
POROSITY: Poor Fair Good Kind Intergranular

LITHOLOGY SS clr, frst, ltpk, f-cgr, sbang-sbrd, sm rdd, pred uncons, sm glauc

psrt, pcmt SAMPLE QUALITY Good

NOTIFIED Connie Krivanek REMARKS: _____

ZONE DESCRIBED BY: Art Curtis



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

ZONE OF INTEREST NO. 2

INTERVAL: From 5004' To 5014'

DRILL RATE: Abv 3 m/ft Thru 1½-2½ m/ft Below 2½-3 m/ft

MUD GAS-CHROMATOGRAPH DATA

	Total Gas	C1	C2	C3	C4-i	C4-n	C5	He
Before	5	580						
During	120	13000	1680	400				
After	16	1540	160	40				

Type gas increase: Gradual Sharp

Gas variation within zone: Steady Erratic Increasing Decreasing

CARBIDE HOLE RATIO: $\frac{\text{GRAMS}}{\text{READING}} \times \text{Min. in Peak} = \underline{2}$ Sensitivity: Poor Fair Good

FLUO: Mineral Even Spotty
 None % in total sample 25%
 Poor
 Fair % in show lithology 30%
 Good COLOR: ltgn-yel

CUT: None Streaming
 Poor Slow
 Fair Mod
 Good Fast
 COLOR: yel

STAIN: None Poor Fair Good Live Dead Residue Even Spotty Lt. Dk.

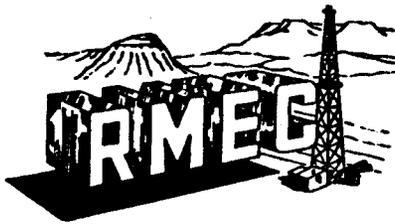
POROSITY: Poor Fair Good Kind vuggy & intxl

LITHOLOGY LS lt-dkgy, gybrn, wh, micxl, arg ip, slty ip, sft-frn

SAMPLE QUALITY Good

NOTIFIED Connie Krivanek REMARKS: _____

ZONE DESCRIBED BY: Art Curtis



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

ZONE OF INTEREST NO. 3

INTERVAL: From 5201' To 5205'

DRILL RATE: Abv 3-3½ m/ft Thru 2-2½ m/ft Below 3 m/ft

MUD GAS-CHROMATOGRAPH DATA

	Total Gas	C1	C2	C3	C4-i	C4-n	C5	He	
Before	7	850	160	tr					
During	150	16500	945	210					
After	10	1050	175	35					

Type gas increase: Gradual Sharp

Gas variation within zone: Steady Erratic Increasing Decreasing

CARBIDE HOLE RATIO: $\frac{\text{GRAMS}}{\text{READING}} \times \text{Min. in Peak} = \underline{2}$ Sensitivity: Poor Fair Good

FLUO: Mineral Even Spotty
 None % in total sample _____
 Poor
 Fair % in show lithology _____
 Good COLOR: _____

CUT: None Streaming _____
 Poor Slow
 Fair Mod
 Good Fast
 COLOR: _____

STAIN: None Poor Fair Good Live Dead Residue Even Spotty Lt. Dk.

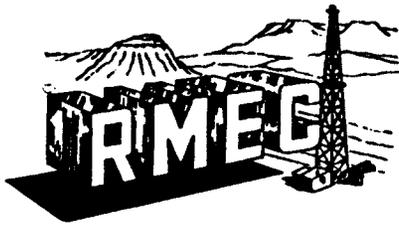
POROSITY: Poor Fair Good Kind Solution

LITHOLOGY LS ltgy-ltgybrn, mic-vfxl, arg ip, dol ip, sft-frm grdg to DOL

SAMPLE QUALITY Good

NOTIFIED Connie Krivanek REMARKS: _____

ZONE DESCRIBED BY: Art Curtis



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

ZONE OF INTEREST NO. 4

INTERVAL: From 5215' To 5224'

DRILL RATE: Avg 3-3½ m/ft Thru 2 m/ft Below 3 m/ft

MUD GAS-CHROMATOGRAPH DATA

	Total Gas	C1	C2	C3	C4-i	C4-n	C5	He
Before	10	1050	175	35				
During	70	7500	490	160				
After	15	1700	200	40				

Type gas increase: Gradual Sharp

Gas variation within zone: Steady Erratic Increasing Decreasing

CARBIDE HOLE RATIO: $\frac{\text{GRAMS}}{\text{READING}} \times \text{Min. in Peak} = \underline{2}$ Sensitivity: Poor Fair Good

FLUO: Mineral Even Spotty
 None % in total sample _____
 Poor
 Fair % in show lithology _____
 Good COLOR: _____

CUT: None Streaming _____
 Poor Slow
 Fair Mod
 Good Fast
 COLOR: _____

STAIN: None Poor Fair Good Live Dead Residue Even Spotty Lt. Dk.

POROSITY: Poor Fair Good Kind Solution

LITHOLOGY LS gybrn, mic-vfxl, arg, dol, plty-blky, sft frm, grdg to DOL

SAMPLE QUALITY Good

NOTIFIED Connie Krivanek

REMARKS: Gas increase from 5216'-5218',

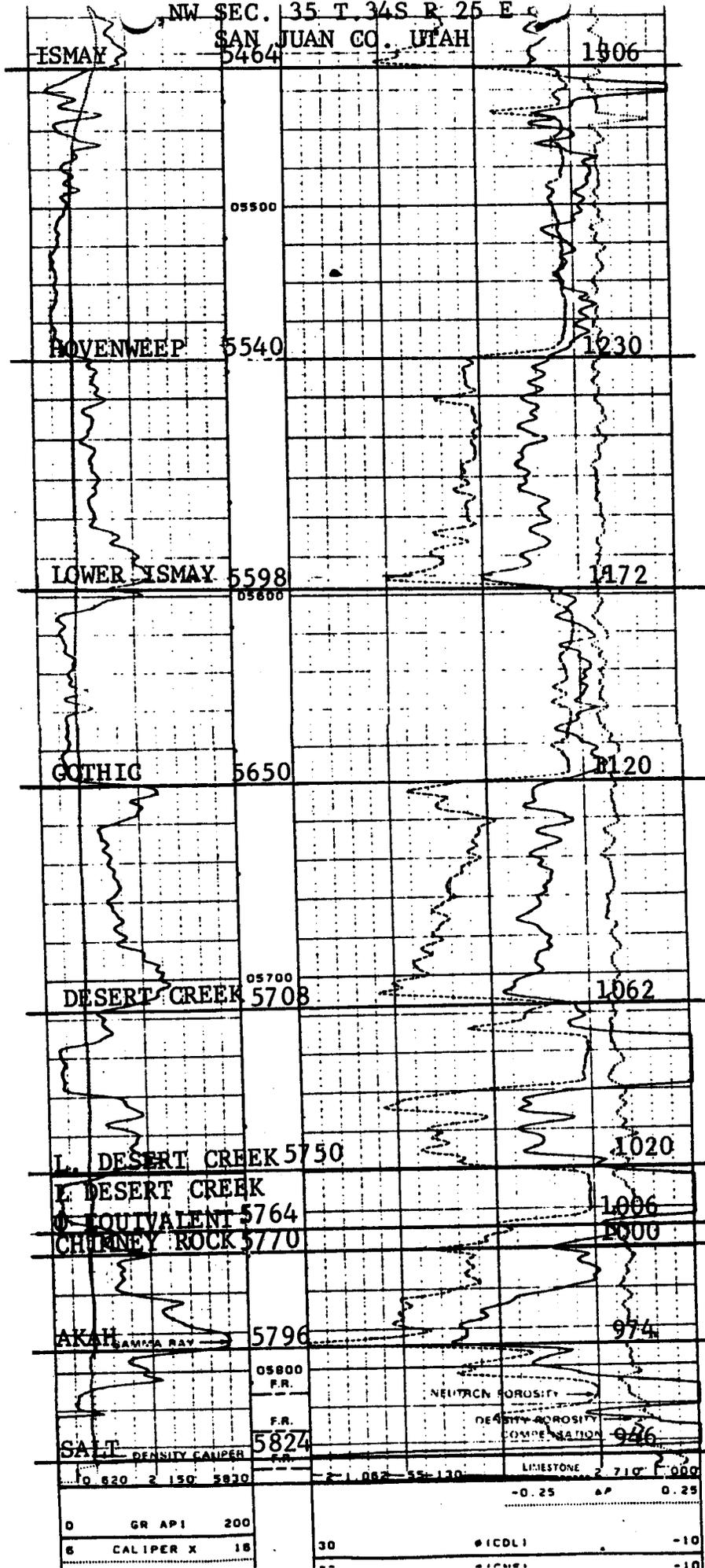
dropping to 15 units from 5218'-5224'

ZONE DESCRIBED BY: Art Curtis

MSR. INC. EDRIS CALVERT NO.1

NW SEC. 35 T. 34S R. 25 E

SAN JUAN CO. UTAH



AKAH GAMMA RAY

SALT DENSITY GAUGER

NEUTRON POROSITY
DENSITY POROSITY
COMPENSATION

LIMESTONE 2.710

GR API 200
CALIPER X 18

30 (ICDL) -10
-10

MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 1995 - Cut Bank, Montana 59427-1995 - (406) 873-2235

RECEIVED
JAN 20 1984

1983

Mountain States Resources, Inc./MGE/GHGS/Calvert #1

**DIVISION OF
OIL, GAS & MINING**

ENERGY SEARCH RIG #1
(Contractor)
Bill Wiley - Toolpusher

SEC. 35-T34S-R25E-SLM.

Jan. 13/84
Friday

Waited for location to dry out. Moved Energy Search Rig #1 off location this week.
Finished Thursday January 12, 1984. Will move service rig "BIG A WELL SERVICE " on to location for completion this week.....

Jan. 14/84
Saturday

Reno moved "Big Red Well Service" Rig over hole on Friday and rigged up.
Picked up casing scraper and ran in with tubing. Scraped casing to float collar @ 5298 K.B.

Jan. 15/84
Sunday

SUNDAY - SHUT DOWN.

Jan. 16/84
Monday

Will run gamma ray P.D.C. log and cement bond log.
Preparing to perforate 6' intervals 5200 - 5206 with (2) two shots per foot.....

Summary Report for Monday, Jan. 16, 1984.....
Extremely cold.....16° below at Rig, spent (4) four hrs. starting motors. Finally ran cement bond log - log cement job, than ran gamma P.D.C. Log.
~~Perforated interval 5200 to 5206. in two shots per foot.~~

Jan. 17/84
Tuesday

Will run packer and R.B.P. (retrievable bridge plug.) Preparing to acidize perforated zone.....
Summary Report for Tuesday, Jan. 17, 1984.....
Extremely cold at location, took (2) hrs. to start Rig.

Jan. 18/84
Wednesday

Finished running to bottom with R.B.P. (Retrievable Bridge Plug).
Started swabbing tubing, swabbed load down to 4,000', hole not making fluid. TO-morrow will finish unloading hole and will acidize 500 gal. of 28% Halliburton Acid.....

Jan. 19/84
Thursday

Summary report for Wednesday - Finished swabbing tubing. Acidized with 500 gal. 28% Halliburton acid. Maximum pressure 1,000#, formation took acid at 900# at two barrels per minute. Swabbed back load and spent acid water. Hole making small amount of gas (TSTM) at end of day.
Program for to-day will be to continue swab testing.....

Jan. 20/84
Friday

CONNIE KRIVANEK
PETROLEUM GEOLOGIST

MOUNTAIN STATES RESOURCES, INC.
Edris Calvert Well No.1
SW $\frac{1}{4}$, NW $\frac{1}{4}$ Section 35, T34S R25E
San Juan County, Utah

RECEIVED
JAN 14 1984

MOUNTAIN STATES RESOURCES, INC.

GEOLOGICAL WELL REPORT

Prepared for

MOUNTAIN STATES RESOURCES, INC.
P.O. Box 176
Cut Bank, Montana 59427

EDRIS WELL NO.1

SW $\frac{1}{4}$, NW $\frac{1}{4}$ Section 35, T34S R25E-S1M
San Juan County, Utah

by

Connie M. Krivanek
609 Meseta
Farmington, New Mexico 87401

January 12, 1984

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Edris Well No.1



WELL: Edris Calvert No.1

OPERATOR: Mountain States Resources, Inc. MGE/GHGS

DRILLING CONTRACTOR: Energy Search Drilling Co.

LOCATION: SW $\frac{1}{2}$, NW $\frac{1}{2}$ (1820' FNL & 570' FWL) Section 35,
Township 34 South Range 25 East

COUNTY: San Juan

STATE: Utah

LEASE NO.: Edris Calvert

ELEVATION: Gr 6766'; Kelly Bushing 6770'

COMMENCED DRILLING: December 17, 1983, 7:00 a.m.

CEASED DRILLING: January 3, 1984, 11:30 p.m.

HOLE SIZE: 12 $\frac{1}{2}$ " to 2080'; 7-7/8" to 5823'

CASING RECORD: 8-5/8" @ 2076'; 4 $\frac{1}{2}$ " @ 5337' KB

TOTAL DEPTH: 5324'

HOLE STATUS: Waiting on completion tools

MUD COMPANY: Baroid

MUD ENGINEER: Pen Penfield, Bob Zinker, Gary Dunn

DRILLING SUPERVISOR: Bill Wiley, Energy Search
Reno Roncco, Mountain States Resources, Inc.

WATER SOURCE: From the Calvert lease

CORES: None

DRILL STEM TESTS: None

HOLE DIFFICULTIES: Lost Circulation @ 1270' Navajo Sandstone
@ 1615' Kayenta Sandstone
@ 1862' Wingate Sandstone

CONNIE KRIVANEK
PETROLEUM GEOLOGIST**LOGS:**

MECHANICAL LOGS, Gearheart Industries, Inc.
Farmington, New Mexico

- 1) Compensated Density-Neutron Log: 5822' to 2257', Gamma Ray to surface
- 2) Dual Induction Laterolog: 5827' to 2067'
- 3) Laserlog: 5830' to 2057'

Above logs 1", 2" and 5" = 100' scales

Log Engineer: James Mease

MUD LOG, Rocky Mountain Geo-Engineering
Grand Junction, Colo. Mud logger-geologist, Art Curtis & John Wisner

5" = 100' from 4100' to 5823'

LITHOLOGIC LOG, C.M. Krivanek

5" = 100', 4100' to 5823'

QUALITY OF SAMPLES: Good

**DISPOSITION OF
SAMPLES:**

Bagged ditch samples sent to American Stratigraphic Company/Denver, Colorado, by RMEC

Dry-cut sample sets sent to MSR, Inc. Cut Bank, Montana

SURFACE FORMATION: Dakota Sandstone

Edris Well No.1

CONNIE KRIVANEK

PETROLEUM GEOLOGIST

DRILLING FLUID DATA

DEPTH (IN FT.)	MUD WEIGHT	VISCO- SITY	pH	W.L.	MUD CAKE in 1/32"	ppmCl	Ca	1983 DATE
75	8.7	30	—	—	—	—	—	Dec. 17
640	9.7	37	7.6	N/C	2	340	260	18
1144	9.3	33	8.0	—	2	380	280	19
1520	9.2	46	7.6	—	3	360	120	20
1854	9.0	46	—	—	—	—	—	21
1863	8.9	68	—	—	—	—	—	22
2075	8.9	48	7.6	—	3	320	180	23
2083	—	—	—	—	—	—	—	24
2083	8.5	33	7.0	28	2	500	240	26
2335	8.8	38	9.0	20	2	850	80	27
2998	9.0	32	8.0	25	2	650	100	28
3253	9.1	31	8.0	28	3	550	120	29
3726	8.8	33	8.0	25	3	700	160	30
4253	8.9	32	8.0	20	3	650	120	31
								1984
4567	8.9	32	8.7	N/C	2	580	96	1 Jan.
5068	8.9	32	9.0	N/C	N/C	700	60	2
5512	8.9	30	9.0	N/C	2	600	200	3
5823	9.1	48	8.5	8.6	1	2500	300	4

BIT RECORD

NO.	MAKE	SIZE"	TYPE	NO.	DEPTH		HOURS	1000#			PP LBS.
					OUT	FEET		WOB	RPM	SPM	
1	Smith	12½	F2	RR	1647	1592	65	40	75	100	1000
2	Smith	12½	F2	RR	2083	491	32-3/4	40	70	100	1000
3	Sanvik	7-7/8	EFS20	33036	3105	1022	43	40	65	98	1800
4	Security	7-7/8	S86F	108094	4484	1379	64½	40	60	98	1800
5	Security	7-7/8	S86F	102061	6823	2339	70	40	60	98	1800

HOLE DEVIATION

217'	½°	2083'	1°	4095'	1½°
519'	½°	2590'	1½°	4484'	1½°
773'	2-3/4°	3100'	1½°	4981'	1½°
1174'	3/4°	3604'	1½°	5501'	1°
1647'	½°				

CONNIE KRIVANEK
PETROLEUM GEOLOGIST

W E L L D A T A

F O R M A T I O N T O P S

REFERENCE WELL
TIPPERARY OIL & GAS CORE
Coal Bed Canyon 1-9
NE NE Sec 9 T35S R26E
(5 miles southeast)

SYSTEM	FORMATION(log tops)	KB 6770'		KB 6709'	
		DEPTH	ELEVATION	DEPTH	ELEVATION
CRETACEOUS	Dakota	Surface		Surface	
JURASSIC	Morrison	96	6674	185'hi	6489
	Summerville-Curtis	970	5800	121'hi	5679
	Entrada	1000	5770	121'hi	5649
	Carmel	1157	5613	116'hi	5497
TRIASSIC	Navajo	1195	5575	111'hi	5464
	Kayenta	1530	5240	68'hi	5172
	Wingate	1708	5062	58'hi	5004
	Chinle	1930	4840	56'hi	4784
	Shinarump	2542			4109
PERMIAN	Cutler(Unconformity)	2632	4138	107'hi	4031
PENNSYLVANIAN	Hermosa	4325	2442	453'hi	1989
	(Unconformity)				
			Fault 100' c/o	5050	1659
	Paradox Formation				
	Ismay Zone	5464	1306	167'lo	1473
	Hovenweep	5540	1230	179'lo	1409
	Lower Ismay	5598	1172	196'lo	1368
	(Carbonate)				
	Gothic	5650	1120	199'lo	1319
	Desert Creek	5708	1062	193'lo	1255
	Lower Desert Crk.	5750	1020	193'lo	1213
	(Anhydrite)				
	Lower Desert Crk.	5764	1006	198'lo	1204
	(porosity equiv.)				
	Chimney Rock	5770	1000	201'lo	1201
	Akah	5796	974	205'lo	1179
	Salt	5824	943	205'lo	1148
	TOTAL DEPTH	5827	940		5694
	(logger)				1015



CHRONOLOGICAL WELL HISTORY

<u>OPERATION DAY</u>	<u>1983 DATE</u>	<u>0600 DEPTH (FT.)</u>	<u>FOOTAGE DRILLED</u>	<u>REMARKS</u>
1	Dec. 17	550	495	Drilling
2	18	1010	460	Drilling
3	19	1521	511	Lost circulation @1278'
4	20	1785	264	Lost circulation @1652'
5	21	1863	78	Lost circulation @1862' New bit @1647'
6	22	2060	197	Drilling
7	23	2076	16	Ran 8-5/8" casing
8	24	2076	0	Shut down for Christmas
9	25	2076	0	Shut down for Christmas
10	26	2350	267	Drilling
11	27	2918	568	Drilling
12	28	3276	358	New bit @3105'
13	29	3750	474	Drilling
14	30	4272	532	Drilling
15	31	4595	323	New bit @4487'
16	Jan. 1	5089	494	Drilling
17	2	5525	436	Drilling
18	3	5823	298	Drilling
19	4	5823		Ran 4½" casing to 5337', cemented w/250 sacks of 50-50 2% gel + 10% salt

DISTRIBUTION LIST

Mountain States Resources, Inc.
P.O. Box 176
Cut Bank, Montana 59427

6 copies
(includes original)

Attention: José Montalban

Well Report
Edris Well No. 1

PENETRATION CHART 6:00 AM DEPTH

DECEMBER, 1983

JANUARY, 1984

OPERATION
DAYS

17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 2 3 4 5

DEGREES
DEVIATION

DEPTH

1000'

2000'

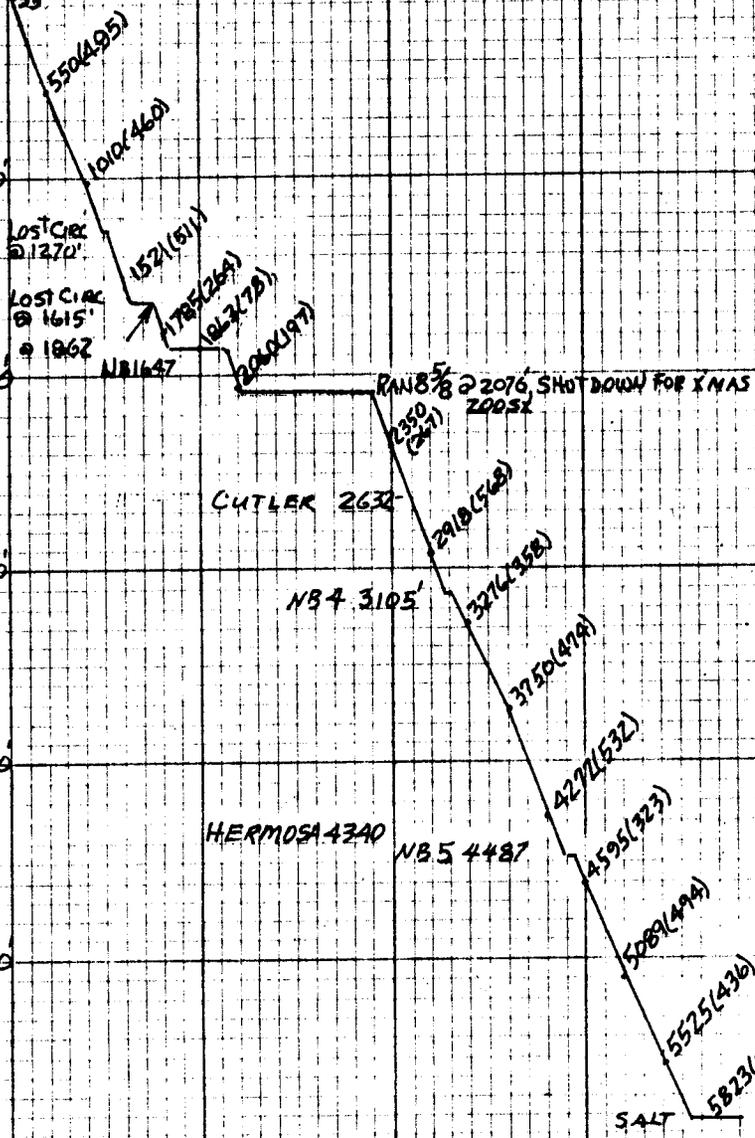
3000'

4000'

5000'

6000'

0 1° 2°





W E L L S U M M A R Y

INTRODUCTION

The Mountain States Resources, Inc. No.1 Edris well was a five-mile northwest stepout from the Tipperary Oil and Gas No.1-9 reference well (Section 10, T35 South R26 East).

The primary purpose of the MSR, Inc. well was to drill an extension of a Lower Ismay dolostone zone logged in the Tipperary well. (See: Geologic Report of Ginger Hill prospect prepared for MSR, Inc., March 1983).

RESULTS OF NO.1 EDRIS WELL

STRUCTURE

The top of the Lower Ismay carbonate was drilled at 5598' (+1172). This was 196 feet low to the Tipperary well and 138 feet low to the prognosis. Compared to the surrounding wells it is interpreted that the well is located on a northwest plunging anticline located on the upthrown block of the main northwest-southeast trending fault in the prospect area.

STRATIGRAPHY OF PROSPECTIVE ZONES

Lower Ismay Zone

This zone was the primary objective in the well. The lower Ismay zone exhibited 48 feet of tight limestone. The proposed dolostone facies was not developed. The well was too far north of the Pennsylvanian-age fault for the limestone to have been dolomitized by the tectonic dolomitization process that occurred in the zone at the Tipperary well location. Also, the well was too far east of the back reef facies that trends along the lower Ismay carbonate pinchout edge. Dolomitization commonly occurs in this environment, especially beneath anhydrite deposits as shown in the Ramsey State No.1 well (Section 16 T34S R25E).

Lower Desert Creek Zone

The lower Desert Creek zone was the second most prospective zone in the proposed well. It was represented by a 3-foot thick, tan, tight dolostone which is similar to surrounding wells.

Upper Ismay Zone

This zone was 75 feet thick, exhibiting 62 feet of tan, dense, tight limestone.

CONNIE KRIVANEK

PETROLEUM GEOLOGIST

O I L & G A S S H O W S

<u>FORMA- TION</u>	<u>DEPTH</u>	<u>THICKNESS</u>	<u>LITH- OLOGY</u>	<u>HOT WIRE GAS UNITS</u>	<u>CHROMATO- GRAPH</u>	<u>Rwa</u>	<u>Ø%</u>	<u>OHMS, RE- SISTIVITY</u>	<u>DENSITY</u>	<u>Rw</u>	<u>WATER SAT- URATION %</u>	<u>REMARKS</u>
1)Upper Hermosa	4458'-4482'	(24')	Sandstone	47	C ₁ -C ₂	0.22	15	10	2.38	0.1	66	NSOFC
2)Upper Hermosa	5007'-5034'	(27')	Limestone (oölitic)	150	C ₁ -C ₃	—	4	65	—	.08	87	Oil Stain, Flour- escence cut in oö moldic porosity
3)Upper Hermosa	5200'-5208'	(8')	Dolostone	150	C ₁ -C ₃	—	14	10	—	.08	58	NSOFC

- 8 -

RECOMMENDED PERFORATIONS

Oil Zones

5201'-5205' (4 feet)
5007'-5033' (26 feet)

Gas Zone

4458'-4470' (12 feet)

COMMENTS

The 5007'-5014' zone is an oölitic limestone; the 5014'-5033' zone is a tight limestone and appears fractured.

This zone correlates with the sandstone in the Reynolds Mining Corporation No.1 S.P. Meyer well (Sec 29 T34S R26E) that flowed 306 MCFGPD and 20 Barrels of salt water per day. The equivalent zone in the MSR, Inc. well is 24 feet structurally high to the zone in the Reynolds well.

Well Report
Edris Well No.1

CONCLUSIONS AND RECOMMENDATIONS

Show 1, sandstone zone, drilled at 4458'-4482' should produce gas similar to the 306 MCFGPD flow rate from the Reynolds well, since it is 24 feet structurally higher.

Show 2, oölitic zone, drilled at 5007'-5014' should produce oil and gas after acid treatment.

Show 3, dolostone zone, drilled at 5200'-5208' should produce oil and gas after acid treatment.

A well in the NE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 33 T34S R25E, located on the W.R. Thurston lease, would be favorably located to drill a back reef facies of lower Ismay dolostone, developed beneath anhydrite. The location would also be near the major east-west Pennsylvanian fault that should enhance porosity development by tectonic dolomitization. The drilling of this well would be a high risk venture. The well's location is surrounded by Chorney, Transco, Husky and Tenneco acreage. This group may be difficult to deal with.

If the perforation zones are oil and gas productive, a 320-acre off-set well location is recommended for the SW $\frac{1}{4}$, SE $\frac{1}{4}$ Section 34 T34S R25E. Elevation at the proposed location is accessible at 6780 feet.

Respectfully submitted,



Connie M. Krivanek

Edris Well No.1

CONNIE KRIVANEK

PETROLEUM GEOLOGIST

SAMPLE DESCRIPTION

LAGGED SAMPLES DEPTH (IN FEET)

4100-4120	No Sample. Begin 20' samples
4120-4140	SHALE, red brown; SANDSTONE, white, fine, tight
4140-4200	MUDSTONE, red brown, pink, silty. Begin 10' samples
4200-4250	MUDSTONE, red brown, silty; SANDSTONE, white, fine, tight
4250-4280	MUDSTONE, as above; SANDSTONE, as above, medium
4280-4300	SANDSTONE, grey, subangular, good sorting, unconsolidated
4300-4325	SANDSTONE, grey, fine, white, calcareous cement, tight; MUDSTONE, red brown
4325-4345	LIME PACKSTONE, grey, tight, oölitic, sandy, trace oomoldic porosity HERMOSA 4325'
4345-4350	SHALE, red brown
4350-4380	LIME PACKSTONE and SHALE, red brown, as above
4380-4390	MUDSTONE-SHALE, red brown; SANDSTONE, 30% pink, subangular, fine-coarse, tight, calcareous
4390-4400	SANDSTONE, as above
4400-4420	SILTSTONE, red brown, calcareous
4420-4450	LIME WACKESTONE, LIME MUDSTONE, grey, coarse, crystalline, sandy, dense
4450-4460	LIME MUDSTONE, tan, dense.
4460-4470	SANDSTONE, clear-pink, medium-coarse, angular-subangular, fair sorted, unconsolidated, no stain or fluorescence. SHOW 1, 42 units @4470'
4470-4480	SANDSTONE, as above
4480-4492	MUDSTONE, orange
4492-4506	LIME MUDSTONE, tan, fine-coarse, crystalline
4506-4510	SANDSTONE, grey, fine, angular, calcareous cement, tight
4540-4540	LIME MUDSTONE, grey, silty, very sandy, dense
4540-4550	SANDSTONE, grey, silty, calcareous, tight
4550-4558	SANDSTONE, grey, sandy, silty, very calcareous, tight
4558-4580	LIME MUDSTONE, grey, dense
4580-4602	LIME-WACKESTONE, grey, tan, chalky, fine-coarse, crystalline, pellets
4602-4612	SILTSTONE, dark red brown
4612-4626	SILTSTONE, as above; SANDSTONE, white-pink, angular, fine- medium, poor sorted, tight
4626-4630	SILTSTONE, dark red brown
4630-4648	SANDSTONE, pink, fine-coarse, angular, mostly unconsolidated; SILTSTONE, red brown 80%; LIME MUDSTONE, white, clean, dense, 20%
4648-4660	LIME MUDSTONE, as above
4660-4694	SANDSTONE, grey, fine-medium, angular; SHALE, pink, red brown, 10%
4694-4704	MUDSTONE, red brown; SANDSTONE, tan, fine, medium, subrounded
4704-4710	MUDSTONE, red brown
4710-4720	SANDSTONE, tan, fine-medium, subrounded

SAMPLE DESCRIPTION

LAGGED SAMPLES
DEPTH (IN FEET)

4720-4730	LIME MUDSTONE, grey-dark grey, dense
4730-4746	MUDSTONE, dark grey, very calcareous
4746-4750	SANDSTONE, white, fine, rounded, tight
4750-4774	MUDSTONE, dark grey, silty, very calcareous
4774-4782	SANDSTONE, white-tan, fine, rounded, tight
4782-4790	MUDSTONE, brown
4790-4800	SHALE, brown
4800-4810	SILTSTONE, brown, shaley, calcareous
4810-4830	SILTSTONE, as above, brown-grey, dolomitic
4830-4850	LIME MUDSTONE, grey, dense
4850-4866	MUDSTONE, dark grey brown, very calcareous
4866-4876	LIME MUDSTONE, tan, chalky, dense
4876-4954	MUDSTONE, dark grey, calcareous; SHALE, dark grey black, sooty, calcareous
4954-5000	SHALE, dark grey, calcareous; LIME MUDSTONE, tan grey, dense, shaly
5000-5010	LIME MUDSTONE, grey, fine-coarse, crystalline, dense
5010-5020	PACKSTONE, light grey, chalky, fine-coarse, grain, oölitic trace, oö moldic, fair porosity, faint stain and fluorescence, good cut. SHOW 2, 120 Units, C ₁ through C ₃
5020-5030	LIME MUDSTONE, tan-light grey, dense
5030-5080	LIME MUDSTONE, grey, dense, chalky, shaly
5080-5130	LIME MUDSTONE, grey-tan, dense, slightly chalky
5130-5150	MUDSTONE, dark grey, very calcareous
5150-5190	LIME MUDSTONE, grey brown, dense, shaly, dark grey
5190-5200	LIME MUDSTONE, dark grey, dense, dolomitic
5200-5210	DOLOSTONE, tan, calcareous, dense SHOW 3, 150 units C ₁ through C ₃
5210-5220	LIME WACKESTONE, grey-brown, dense, dolomitic SHOW 4, 70 units, C ₁ through C ₂
5220-5224	SHALE, black, calcareous, dolomitic
5224-5230	LIME WACKESTONE, grey brown, dense
5230-5240	LIME MUDSTONE, white, chalky, clean, tan, dense
5240-5270	LIME MUDSTONE, tan, dense, dolomitic
5270-5280	LIME MUDSTONE, dark grey, dense
5280-5290	LIME MUDSTONE, dark grey, tan, white, 10%
5290-5300	LIME MUDSTONE, as above; SANDSTONE, white, fine, good sorted, 10%
5300-5330	LIME MUDSTONE, light grey, dense
5330-5340	SHALE, dark grey, calcareous
5340-5350	SHALE, as above, 10%; LIME MUDSTONE, tan-grey, dense
5350-5360	LIME MUDSTONE, as above; SHALE, dark grey, dense, calcareous
5360-5370	LIME WACKESTONE, tan, pellets, dense
5370-5390	LIME MUDSTONE, tan, dense; CHERT, tan, milky, 25%
5390-5394	LIME MUDSTONE, light grey, dense
5394-5400	SHALE, dark grey, calcareous

CONNIE KRIVANEK
PETROLEUM GEOLOGIST

SAMPLE DESCRIPTION

LAGGED SAMPLES
DEPTH (IN FEET)

5400-5410	LIME MUDSTONE, tan, dense, dolomitic; SHALE, as above, trace
5410-5440	LIME MUDSTONE, tan, slightly dolomitic, dense
5440-5450	SHALE, black, carbonaceous, calcareous
5450-5460	SHALE, black, slightly calcareous
5460-5475	SHALE, as above; ANHYDRITE no visible in samples ISMAY 5464'
5475-5480	LIME MUDSTONE, dark grey, dense
5480-5490	LIME MUDSTONE, white-tan, dark grey, clean, dense
5490-5500	LIME MUDSTONE, tan, dense, trace dark grey; CHERT, tan, clear
5500-5532	LIME MUDSTONE, tan, grey, white-tan, dense; CHERT, amber
5532-5596	SHALE, brown black HOVENWEEP 5440'
5596-5600	LIME MUDSTONE, grey brown, dense, silty LOWER ISMAY 5598'
5600-5610	LIME MUDSTONE, tan-light grey, dense
5610-5620	LIME MUDSTONE, brown & grey, dark grey, dense; CHERT, tan
5620-5630	LIME MUDSTONE, dark grey, black, dense
5630-5656	LIME MUDSTONE, white-tan, dense
5656-5670	SHALE, black, carbonaceous, calcareous GOTHIC 5650'
5670-5680	SHALE, black, limey
5680-5718	SHALE, black, carbonaceous, sooty DESERT CREEK 5708'
5718-5730	ANHYDRITE, white, trace; SHALE, brown black, dolomitic, silty
5730-5740	DOLOSTONE, brown, shaly, silty, dense; ANHYDRITE, trace
5740-5750	SHALE, dark grey-black; DOLOSTONE, brown, as above; ANHYDRITE, trace
5750-5760	DOLOSTONE, brown, shaley, silty, dense; SHALE, black; ANHYDRITE, trace LOWER DESERT CREEK ANHYDRITE 5750'
5760-5770	DOLOSTONE, grey brown, calcareous, as above; SHALE, brown black; ANHYDRITE, white, trace LOWER DESERT CREEK POROSITY EQUIVALENT 5764'
5770-5780	DOLOSTONE, tan, soft, earthy; SHALE, grey black CHIMNEY ROCK 5770'
5780-5790	SHALE, dark brown, slightly calcareous, soft, sticky
5790-5800	SHALE, as above AKAH 5796'
5800-5810	DOLOSTONE, grey, silty, dense
5810-5820	LIME MUDSTONE, dark brown, shaly, calcareous, dense; ANHYDRITE, white
5820-5823	ANHYDRITE, white SALT 5824'

TOTAL DEPTH 5823', 11:30 p.m. January 3, 1984

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

3. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
D/N/A

7. UNIT AGREEMENT NAME
D/N/A

8. FARM OR LEASE NAME
Edris Calvert

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T34S, R25E, S.L.M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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 GAS WELL OTHER

2. NAME OF OPERATOR
MOUNTAIN STATES RESOURCES, INC.

3. ADDRESS OF OPERATOR
CBM Bldg. - P.O. Box 1995 - Cut Bank, Montana 59427

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
**SW 1/4 NW 1/4 Sec. 35
1820' FNL and 570' FWL**

14. PERMIT NO.
43-037-30972

15. ELEVATIONS (Show whether OP, RT, CR, etc.)
6766 GL

RECEIVED

JUN 15 1984

DIVISION OF OIL

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

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

(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.)

MOUNTAIN STATES RESOURCES, INC. proposes to plug and abandon this well because commercial production has not been attained. All work will be done in accordance to UOGCC regulations. The proposed procedure is as follows:

1. Set 4 1/2" CIBP at 4900' KB.
2. Spear 4 1/2" casing and remove slips.
3. Run free point survey to determine free point of 4 1/2" casing.
4. Run string shot and back off 4 1/2" casing at free point.
5. TOOH and lay down 4 1/2" casing.
6. RIH with 2 3/8" tubing and spot 75 sx Class B cement across 4 1/2" casing stub.
7. Fill hole with 9.0 ppg fresh water gel mud to bottom of 8 5/8" casing at 2076' KB.
8. Spot 25 sx Class B cement across bottom of 8 5/8" casing at 2076' KB.
9. Remove casing head and spot 10 sx Class B cement at surface.
10. Erect dry hole marker and clean up location.

This work will commence as soon as regulatory approval is received.

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

SIGNED Reno N. Roncco TITLE Area Supervisor APPROVED BY THE STATE 13, 1984
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE July 19, 1984
BY: John R. Day

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

April 1, 1985

Mountain States Resources, Inc.
CBM Building
PO Box 176
Cut Bank, Montana 59427

Gentlemen:

Re: Well No. Edris Calvert #1 - Sec. 35, T. 34S, R. 25E,
San Juan County, Utah - API #43-037-30972

Our records indicate that you have not filed drilling reports for the months of February 1984 to present on the above listed well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than April 15, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/35

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

OPERATOR Mountain States Resources Inc LEASE FEE _____
WELL NO. Edris Calvert #1 API 43-037-30972
SEC. S4NW35 T. 34S R. 25E CONTRACTOR _____
COUNTY San Juan FIELD Wildcat

DRILLING/COMPLETION/WORKOVER:

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

SHUT-IN X / TA _____ :

N WELL SIGN N HOUSEKEEPING Y EQUIPMENT* Y SAFETY
NA OTHER

ABANDONED:

MARKER HOUSEKEEPING REHAB. OTHER

PRODUCTION:

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

GAS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

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

*FACILITIES INSPECTED: Small wellhead

REMARKS: NO well sign - pit dry - no fence - some trash on location - location is
surrounded by primarily agricultural land - tubing pressure gauge reads 250psi -
According to a Sundry Notice dated 13 June 1984 and approved 19 June 1984 well was to
be P&A upon approval of proposed procedure

ACTION: letter to operator

INSPECTOR: B. Bick de Gonyter

DATE 17 July 1985

UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

INSPECTION RECORD-- PRODUCING

T. 34S R. 25E SEC. 35
1/2-1/2 SWNW
 COUNTY San Juan
 FIELD Wildcat/Ginger Hill Prospect
 INSPECTOR deGruyter
 INC ISSUED 9 Mar 84 1240

WELL NAME Edna Calvert #1
 LEASE NO. FAP
 UNIT NAME & NO. _____
 OPERATOR Mountain States Resources
 DATE _____

A. GENERAL

	YES	NO	W	I	N	E	N
1. Well Signs.....							
2. Well Equipment Satisfactory.....							
3. Environmental Protection Satisfactory: (fire hazards)(erosion)(air)(water)(solid waste) (biota).....							
4. Temporary or Emergency Pits Satisfactory.....							
5. Lease Free of Evidence of Spills/Discharge/ Seepage.....							
6. Dikes Around Tanks, if Required.....							
7. Flow Lines Buried, if Required.....							
8. All Surface Use Approved and Not Excessive.....							
9. Does Current 9-329 Confirm Reasonableness of: a. Production vs. Sales.....							
b. Tank Capacity vs. Inventory.....							
c. Reported Well Status vs. Actual.....							

B. LIQUID HYDROCARBON PRODUCTION

10. Method of Measurement: (A) LACT Meter; (B) Tank Gauge; (C) Other: <u>A B C</u>							
11. Method of Measurement Satisfactory.....							
12. Liquid Handling Equipment Satisfactory.....							
13. All Lines Leaving Tankage Sealed/Locked.....							
14. Production Stored on Lease, if Required.....							
15. Production Measured on Lease, if Required.....							
16. Commingling as Approved.....							

C. NATURAL GAS PRODUCTION

17. Type of Gas Production: (A) Gas Well; (B) Casinghead..... <u>A B</u>							
18. Gas Disposition: (A) Sold; (B) Flared/Vented; (C) Used on Lease; (D) Other..... <u>A B C D</u>							
19. Method of Measurement: (A) Orifice Meter; (B) Turbine Meter; (C) Estimated; (D) Other..... <u>A B C D</u>							
20. Method of Measurement Satisfactory.....							
21. Gas Handling/Treating Equipment Satisfactory.....							
22. Production Measured on Lease, if Required.....							
23. Liquids Collected From Drips, if Required.....							

D. WATER DISPOSAL

24. Disposal Method: (A) Unlined Pit; (B) Lined Pit; (C) Subsurface; (D) Other..... <u>A B C D</u>							
25. If Disposal by Pits, are Pits Satisfactory.....							
26. Additional Disposal Facilities Satisfactory.....							

E. HYDROGEN SULFIDE OPERATIONS

27. Are Tank Batteries Properly Equipped.....							
28. Are Warning Signs Properly Installed.....							
29. If Required, is the Contingency Plan Available.....							
30. Are Personnel Properly Protected.....							

(S) Shut-in. (W) Formal Warning (I) Informal Warning

LEASE REQUIREMENTS

- (4.) Emergency Pits Approved _____
 (b.) Are Dikes Around Tanks Required?
 Yes _____ No _____
 (7.) Is Burial of Flow Lines Required?
 Yes _____ No _____

SALES APPROVAL INFORMATION:

- OIL:
 (10.) Sale by LACT Unit Approval _____
 (11.) Seals on All Tank Access Lines
 Required? Yes _____ No _____
 (14.) On Lease Storage
 Off-Lease Storage Approval _____
 If Off Lease - Measurement Is:
 (15.) Off Lease On Lease
 (16.) Commingling: Not Approved
 On Lease Approval _____
 Off Lease Approval _____

GAS:

- (13.) Special Restrictions Applicable
 Yes _____ No _____
 (22.) On Lease Sales
 (22.) Off Lease Sales Approval _____
 (23.) Liquid Collection From Drips
 Required? Yes _____ No _____

OTHER REQUIREMENTS

- (24.) NTL-25 Not Applicable
 Applicable Approval _____
 Hydrogen Sulfide Operations.
 Analysis:
 Gas Screen _____ PPM
 STV _____ PPM
 (29.) Is a Contingency Plan Required?
 Yes _____ No _____

REMARKS No equipment on location except small well head w/ gauge showing 250 (lbs?)

- Well is SHUT IN
- No ID sign
- No fence around pit w/ 26" hydrocarbon blanket on surface of pit fluid
- trash on location - mostly pallets & sheet plastic

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

OPERATOR Mountain States Resources Inc LEASE FEE _____
WELL NO. Edris Calvert #1 API _____
SEC. SWNW35 T. 34S R. 25E CONTRACTOR _____
COUNTY San Juan FIELD Wildcat

DRILLING/COMPLETION/WORKOVER:

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

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

ABANDONED:
 MARKER HOUSEKEEPING REHAB. OTHER

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

GAS DISPOSITION:
 VENTED/FLARED SOLD LEASE USE

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

*FACILITIES INSPECTED: Small wellhead

REMARKS: NO well sign - pit dry - no fence - some trash on location - location is
surrounded by primarily agricultural land - tubing pressure gauge reads 250psi -
According to a Sundry Notice dated 13 June 1984 and approved 19 June 1984 well was to
be P&A upon approval of proposed procedure

ACTION: letter to operator

INSPECTOR: B. Hick de Groot DATE 17 July 1985



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

July 23, 1985

Mountain States Resources, Inc.
CBM Building
PO Box 176
Cut Bank, Montana 59427

2ND NOTICE

Gentlemen:

Re: Well No. Edris Calvert 1 - Sec. 35, T. 34S., R. 25E.,
San Juan County, Utah - API #43-037-30972

Our records indicate that you have not filed drilling reports for the months of February 1984 to present on the above referenced well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than August 6, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/30



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 1995 - Cut Bank, Montana 59427-1995 - (406) 873-2235

August 5, 1985

RECEIVED

AUG 09 1985

Ms. Pam Kenna
Well Records Specialist
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
355 W. North Temple
3 Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF OIL
GAS & MINING

Dear Ms. Kenna:

RE: Well No. Edris Calvert 1 - Sec. 35 - T34S - R25E
San Juan County, Utah - API #43-037-30972

This will acknowledge receipt of your letter dated July 23, 1985, requesting reports and information on the above captioned well.

Please be advised that this well has been shut-in since last February 1984, pending managements' decision whether to plug and abandon, or attempt to complete as a gas well in another sand body further up the hole, in the lower Hermosa.

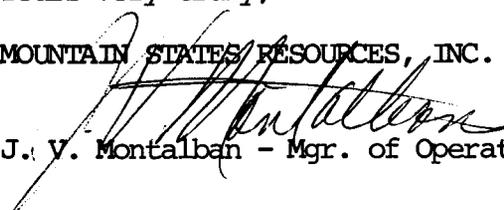
A decision will be reached this month - whether to P & A, or to continue testing, and we will advise you at once.

In the meantime, we are preparing the Form OGC-1b "Sundry Notices and Reports On Wells", and will file same in the next short while.

Thanking you for your consideration, I remain

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.


J. V. Montalban - Mgr. of Operations

JVM/cbm
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 14, 1986

Mountain States Resources, Inc.
CMB Building
P.O. Box 176
Cut Bank, Montana 59427

Gentlemen:

Re: Well No. Edris Calvert #1 - Sec. 35, T. 34S., R. 25E.,
San Juan County, Utah - API #43-037-30972

Rule 312 of the Oil and Gas Conservation General Rules requires that Form DOGM-3 "Well Completion or Recompletion Report and Log", along with copies of logs and tests run, be filed with this office not later than 90 days after completion.

Please complete and return the enclosed Form DOGM-3 or the equivalent federal form including copies of logs and tests which may have been run on the referenced well to the address listed below, at your earliest convenience, but not later than August 25, 1986.

Utah Division of Oil, Gas, and Mining
Attention: Suspense File - Norm Stout
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout
Records Manager

pk
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
Well File
Suspense File

0170S/8



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 1995 - Cut Bank, Montana 59427-1995 - (406) 873-2235

August 22, 1986

State Of Utah Natural Resources
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
AUG 27 1986

**DIVISION OF
OIL, GAS & MINING**

Attn: Suspense File - Norman C. Stout

Re: Well #1 Edris Calvert

Dear Mr. Stout:

This will acknowledge your letter dated August 14, 1986. The reason why no well completion log has been filed to date is because the well has not been completed at this time due to uneconomic conditions. We still have one zone to test as outlined on your Form OGC-1B.

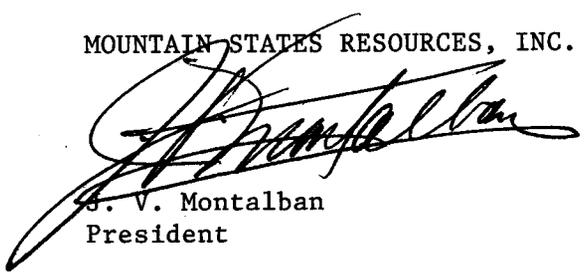
Nevertheless, we are enclosing herewith three (3) copies of your Form OGC-3 "Well Completion & Report Log" and three (3) copies of your Form OGC-1B. In addition, we also enclose herewith one each of the following:

- One Gearhart Dual Induction Laterlog;
- One Gearhart Compensated Density Neutron Log;
- One Gearhart-Owen Laserlog;
- One Rocky Mountain Geo-Engineering Company Mud Log, showing the upper Hermosa gas sand at 4460' to 4490' which carried a strong gas kick. This is the zone we still want to test.
- One copy of Basin Perforators Gamma Ray Neutron Log;
- One copy of the geological well report as prepared by our Consulting Geologist, Connie M. Krivanek, which includes a lithologic log in the pouch.

Trusting the enclosed meets with your approval, we remain

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.


S. V. Montalban
President

JVM;ph

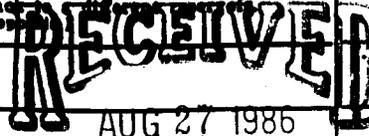
Enclosures

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR MOUNTAIN STATES RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME P/N/A
3. ADDRESS OF OPERATOR P.O. Box 250 - Cut Bank, Montana 59427		7. UNIT AGREEMENT NAME P/N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NW 1/4 Sec. 35, 1820' FNL & 570' FWL		8. FARM OR LEASE NAME Edris Calvert
14. PERMIT NO. 43-037-30972		9. WELL NO. 1
15. ELEVATIONS (Show whether OF, ST, OR, etc.) 6766 GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA Sec. 35, T34S, R25E, S1M
		12. COUNTY OR PARISH 13. STATE San Juan Utah

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOUNTAIN STATES RESOURCES, INC. proposes to test the upper Hermosa prior to the plugging and abandonment of this well. This work will be done at a later date due to economic conditions and lack of gas market. All work will be done in accordance to UOGCC regulations. The proposed procedure is as follows:

1. Set 4 1/2" CIBP at 4600' KB. RIH with 3 1/8" single point entry casing gun and perforate 4 1/2" casing at 4520' KB w/4-way squeeze shot.
2. Set cement retainer at 4500' KB. Cement 4 1/2" casing w/200 sx 50:50 Pozmix cement.
3. WOC.
4. Perforate upper Hermosa 4460-4470' KB w/1 SPF. Swab test.
5. If productive, place on production. If dry or good show, acidize w/750 gal. 7 1/2% HCl and swab test. If non-productive, proceed with plugging and abandonment procedure.

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

SIGNED [Signature] TITLE Mgr. of Operations DATE August 22, 1986

(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

SUBMIT IN DUPLICATE*
(See other instructions
on reverse side)

56 64 01

082845

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
MOUNTAIN STATES RESOURCES, INC.

3. ADDRESS OF OPERATOR
BOX 250 - CUT BANK, MT 59427

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW 1/4 NW 1/4 SEC. 35, 1820' FNL & 570' FWL
At top prod. interval reported below SAME
At total depth SAME

RECEIVED
AUG 27 1986

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. 43-037-30972 DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
D/N/A

7. UNIT AGREEMENT NAME
D/N/A

8. FARM OR LEASE NAME
Edris Calvert

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 35, T34S, R25E, SLM

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

15. DATE SPUDDED 12-18-83 16. DATE T.D. REACHED 1-03-83 17. DATE COMPL. (Ready to prod.) 1-27-84 18. ELEVATIONS (DF, RES, ST, OR, ETC.)* 6766 GL 6770 KB 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 5827 KB 21. PLUG, BACK T.D., MD & TVD 5297 KB 22. IF MULTIPLE COMPL., HOW MANY* D/N/A 23. INTERVALS DRILLED BY SURF - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* HERMOSA TOP 4325 KB BOTTOM 5444 KB 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN GR/FDC/CNL GR/DIL/LL 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	2076 KB	12 1/2"	300 SX 50:50 POZ	
4 1/2"	10.5	5337 KB	7 7/8"	250 SX 50:50 POZ	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5003 KB	4934 KB

31. PERFORATION RECORD (Interval, size and number)

5004 - 5012 KB 2 SPF
5012 - 5020 KB 4 SPF
5201 - 5206 KB 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5004 - 5020 KB	500 GAL 28% REG HCL
5201 - 5206 KB	500 GAL 28% REG HCL

33. PRODUCTION

DATE FIRST PRODUCTION: 1-19-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): SWABBING WELL STATUS (Producing or shut-in) SHUT-IN

DATE OF TEST: 1-23-84 HOURS TESTED: 2 CHOKE SIZE: - PROD'N. FOR TEST PERIOD: 0 OIL—BSL. 0 GAS—MCF. TSTM WATER—BSL. 0 GAS-OIL RATIO: -

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY RENO R. RONCCO

35. LIST OF ATTACHMENTS LOGS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: J.V. MONTALBAN - PRESIDENT TITLE: MGR. OF OPERATIONS DATE: AUGUST 22, 1986

860905 cp

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

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

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

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

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

37. SUMMARY OF POROUS ZONES:
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS	DEPTH	TOP	SURF TEST. DEPTH
DAKOTA	SURF		
MORRISON	96		
ENTRADA	1000		
CARMEL	1157		
NAVAJO	1195		
KAYENTA	1530		
WINGATE	1708		
CHINLE	1930		
SHINARUMP	2542		
CUTLER	2632		
HERMOSA	4325		
ISMAY	5464		
DESERT CREEK	5708		
AKAH	5796		
SALT	5824		

RECEIVED
OCT 03 1986



THE HARTFORD

DATE: *Sept 26, 1986*

DIVISION OF
OIL, GAS & MINING

Midwestern Bond Underwriting Center
100 Park Plaza
Naperville, Illinois 60566
Telephone: (312) 369-2100

BOND NO. *5056108*

Gentlemen:

RE: *Mountain States Resources # 5056108*

Please inform us regarding the number of permits covered by the captioned blanket drilling and/or lease bond.

We are not willing to accept any additional liability under the captioned bond, effective *12-29-86*. Would you please confirm to us that this request has been accepted. A self addressed, stamped envelope is enclosed for your convenience.

Very truly yours,

BY: *M. J. [Signature]*
Attorney-in-Fact



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

October 17, 1986

The Hartford Insurance Group
Naperville Office Park
100 Park Plaza
Naperville, Illinois 60566

Attention: Mary Fox

Gentlemen:

Re: Blanket Bond #5056108 - Mountain States Resources, Inc.

In regards to your letter dated September 26, 1986, our records indicate that there are three wells that are covered under the above-referenced surety.

These wells include:

Edis Calvert #1 - Sec. 35, T. 34S, R. 25E - San Juan County
Redd #11-1 - Sec. 11, T. 33S, R. 23E - San Juan County
Morris Nelson 6-11 - Sec. 6, T. 33S, R. 24E - San Juan County

Additional liability will be limited to the above listed wells. If further information is needed regarding this surety, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Arlene Sollis".

Arlene Sollis
Administrative Analyst

cc: Mountain States Resources
D. R. Nielson
R. J. Firth
John R. Baza
8989T-60

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

OPERATOR MOUNTAIN STATES RESOURCES INC LEASE Fee
 WELL NO. EDRIS CALVERT #1 API 43-037-30973
 SWNW SEC. 35 T. 34S R. 25E CONTRACTOR _____
 COUNTY SAN JUAN FIELD WILDCAT

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

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

ABANDONED:
 MARKER HOUSEKEEPING REHAB. OTHER

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

GAS DISPOSITION:
 VENTED/FLARED SOLD LEASE USE

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

*FACILITIES INSPECTED: ^{Tapped} CASING w/ TUBING HANGER FLANGE w/ tap Bull plug + gauge (gauge = 250 PSI)

REMARKS: LOCATION STILL has deadmen. Pit has been filled. Location has not been recontoured (mounds of topsoil are adjacent to location)

ACTION: _____

INSPECTOR: G6 + CE DATE 1/7/87

3

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

MICROFILM

OPERATOR Mountain States Resources LEASE Fee
WELL NO. Edris Calvert #1 API 43-037-30972
SEC. 35 T. 34S R. 25E CONTRACTOR _____
COUNTY 3/J FIELD W/C

DRILLING/COMPLETION/WORKOVER:

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

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

ABANDONED:
 MARKER HOUSEKEEPING REHAB. OTHER

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

GAS DISPOSITION:
 VENTED/FLARED SOLD LEASE USE

RECEIVED
NOV 13 1989

DIVISION OF
OIL, GAS & MINING

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

*FACILITIES INSPECTED: W/H Loc no pit.

REMARKS: SBW - T.H.F. w/gauge no valve 250 PSI on gauge
if gauge broke out it could be a fire hazard due to
weights of Brass taller than w/h

ACTION: if well can't be produced it should be P+H'd
+ Rehab'd

INSPECTOR: [Signature] DATE 11/6/89



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 250 - Cut Bank, Montana 59427-0250 - (406) 873-2235

December 20, 1989

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

RE: Annual Reports of Shut-In Wells
M.S.R. Federal 25-1X, Morris Nelson 6-11, Redd Investment 11-1,
and Edris Calvert No. 1 - San Juan County, Utah

Gentlemen:

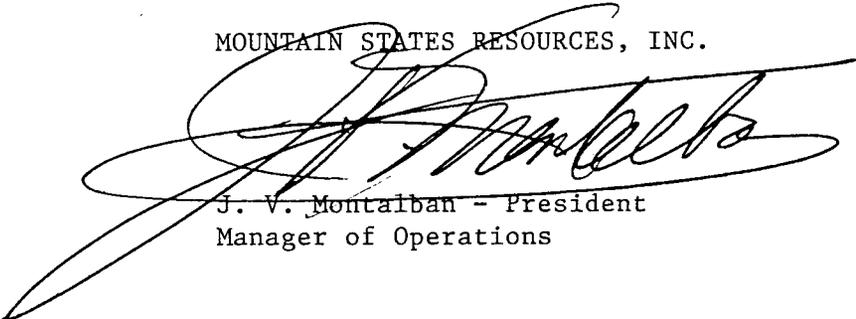
Reference your letter of December 1, 1989 to Utah oil and gas well operators regarding annual well status reports.

Please find enclosed a Form 9 for each of the above captioned wells, reporting their status as shut-in oil or gas wells.

Trusting you will find everything in order, I remain

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.



J. V. Montalban - President
Manager of Operations

JVM/rr

Enclosures

cc: BLM - Moab
BLM - SLC

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5

<p>SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION & SERIAL NO. Fee</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR MOUNTAIN STATES RESOURCES, INC.</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 250 - Cut Bank, Montana 59427</p>		<p>8. FARM OR LEASE NAME Edris Calvert</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1820' FNL & 570' FWL, Sec. 35 At proposed prod. zone</p>		<p>9. WELL NO. 112</p>
<p>14. API NO. 43-037-30972</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6766' GL</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T34S, R25E, S.L.M.</p>
<p>12. COUNTY San Juan</p>		<p>13. STATE Utah</p>

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

<p>NOTICE OF INTENTION TO:</p> <table border="0" style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>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 type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td colspan="2">(Other) Annual Status Report <input checked="" type="checkbox"/></td> </tr> </table> <p>APPROX. DATE WORK WILL START _____</p>	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 type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Annual Status Report <input checked="" type="checkbox"/>		<p>SUBSEQUENT REPORT OF:</p> <table border="0" style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>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 colspan="2">(Other) _____</td> </tr> <tr> <td colspan="2">(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</td> </tr> </table> <p>DATE OF COMPLETION _____</p>	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) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
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 type="checkbox"/>																				
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>																				
(Other) Annual Status Report <input checked="" type="checkbox"/>																					
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) _____																					
(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.)

* Must be accompanied by a cement verification report.

Mountain States Resources, Inc., Operator of the Edris Calvert No. 1, requests approval to continue shut-in status for the well. No market outlet exists for the well. All equipment has been removed and the location backfilled and leveled.

2-TAS ✓
2- MICROFILM ✓
3- FILE

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

SIGNED [Signature] TITLE President DATE December 20, 1989
J. A. Montalban
 (This space for Federal or State office use)

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



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS
CBM Building - Box 250 - Cut Bank, Montana 59427-0250 - (406) 873-2235

February 29, 1992

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

RE: Annual Status Reports of Shut-In Wells
M.S.R. Federal 25-1X and Edris Calvert 1
San Juan County, Utah

Gentlemen:

Reference your letter of December 6, 1991 to Utah oil and gas well operators regarding annual well status reports.

Please find enclosed a Form 9 (OGC-1b) for each of the above captioned wells, reporting their status as shut-in oil or gas wells.

If additional information is required, please advise.

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.

Patrick M. Montalban
President

rr

Enclosures



MAR 09 1992

DIVISION OF
OIL GAS & MINING

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MOUNTAIN STATES RESOURCES, INC.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 250 - Cut Bank, Montana 59427</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1820' FNL & 570' FWL, Sec. 35</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 Edris Calvert</p> <p>9. WELL NO. 1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., S., M., OR B.L. AND SUBVY OR AREA Sec. 35, T34S, R25E, S.L.M.</p> <p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>
<p>14. PERMIT NO. (API) 43-037-30972</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6766' GL</p>	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Mountain States Resources, Inc., Operator of the Edris Calvert No. 1, requests approval to continue shut-in status for the well. No market outlet exists for the well. All equipment except wellhead has been removed and the location was to have been backfilled and leveled by landowner.

RECEIVED

MAR 09 1992

DIVISION OF
OIL GAS & MINING

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

SIGNED Patrick M. Montalban TITLE President DATE 02-19-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Mountain States Resources
Edris Calvert #1
Sec.35-34S-25E, San Juan Co.
Jan. 7, 1987



Mountain States Resources
Edris Calvert #1
Sec.35-34S-25E, San Juan Co.
Jan. 7, 1987



Attachment III

Individual Well Summary

Well Name: Edris Calvert #1

API NO.: 43-047-30972

Location: 1820' FNL, 570' FWL, SW/NW, Sec.35, T.34S, R.25E, San Juan County, Utah

Initial Operator: Mountain States Resources, Inc.

Current Operator: Mountain States Resources, Inc.
P.O. Box 176
Cut Bank, Montana 59427

Lease No: Fee

Bond Status: Blanket Bond #5056108, \$50,000, The Hartford Insurance Group

Current Well Status: Shut-in Gas Well

Inspection History:

1- 7-87 Inspected by Glenn Goodwin & Carol Revelt

Correspondence History:

12- 9-83 From Mountain States Resources, Inc.; APD for Edris Calvert #1, for Desert Creek test, proposed depth 5800'

12-19-83 From Mountain States; Daily Well Report, November 26 to 30, 1983 - location construction, Dec. 1 - drilled conductor hole and set conductor pipe, Dec. 2 - waiting on cement and contractor, Dec. 16 - move in and rig up Energy Search Drilling Company Rig #1

12-21-83 From DOGM; APD approved Dec. 1, 1983. Future disregard of DOGM rules and regulations will likely result in monetary penalty and civil proceedings, notify DOGM if well is P&A'd, assigned API NO. 43-047-30972

12-28-83 From Mountain States; Daily Drilling Report, Nov. 26, to Dec. 23, 1983

- 1- 3-84 From Mountain States; Daily Drilling Report, Dec. 24, 1983
- 1- 9-84 From Mountain States; Daily Drilling Report, Dec. 27, 1983 to Jan. 5, 1984
- 1-12-84 From Mountain States; Geologic Well Report includes; well information, drilling fluid data, bit record, hole deviation, formation tops, chronologic well history, penetration chart, well summary, sample description
- 1-23-84 From Mountain States; Daily Drilling Report, Jan. 13 to 20, 1984
- 6-13-84 From Mountain States; Sundry Notice, propose to plug and abandon, approved June 19, 1984
- 4- 1-85 From DOGM, request drilling reports for Feb. 1984 to present, drilling reports must be filed by the 16th of each month until well is completed
- 7-17-85 Inspection report; shut-in gas well, no well sign, reserve pit not fenced, trash on location, tubing pressure 250 psi
- 7-23-85 From DOGM; request drilling reports, no later than Aug. 6, 1985
- 8- 5-85 From Mountain States; acknowledge DOGM letter, Edris Calvert #1 has been shut-in since Feb. 1984, making decision to plug and abandon or attempt completion in lower Hermosa, decision will be made this month
- 8-14-86 From DOGM, requesting Well Completion Report and Log, no later than Aug. 25, 1986
- 8-22-86 From Mountain States, acknowledge DOGM letter, enclosed Well Completion Report and Sundry Notice, well is shut-in, purpose to test upper Hermosa prior to plugging and abandonment, work will be done at later date due to economic conditions and lack of gas market. Jan. 23, 1984 tested lower Hermosa for 2 hours, gas produced was too small to measure

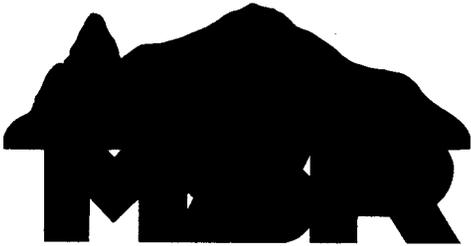
- 9-26-86 From Hartford Insurance; request number of permits covered by blanket bond #5056108, Hartford not willing to accept additional liability under captioned bond effective Dec. 20, 1986
- 10-17-86 From DOGM; blanket bond #5056108 covers three wells, Morris Nelson #6-11, Edris Calvert #1, and Redd #11-1, additional liability limited to above wells
- 1- 7-87 Inspection Report; shut-in gas well, no well sign, reserve pit has been filled, location was not contoured-mounds of top soil adjacent to location, deadmen anchors not removed.

Problem Summary:

Edris Calvert #1 spudded Dec. 1, 1983 and had drilled 1,705' prior to APD approval on Dec. 21, 1983, total depth of 5,827' was reached on Jan.3, 1984. Received Well Completion Report Aug. 27, 1986, 31 months after total depth was reached and one request and two requests for drilling reports. The well site has no well sign, reserve pit not fenced, and has trash on location

Recommended Action:

Mountain States Sundry Notice dated June 13, 1984 stated this well has not attained commercial production and proposed to plug and abandon. Mountain States Sundry Notice dated Aug. 22, 1986 stated they propose to test the upper Hermosa prior to plugging and abandonment, the work will be done at a later date due to economic conditions and lack of gas market. It is recommended the Edris Calvert #1 be properly plugged and abandoned, and the location be reclaimed



MOUNTAIN STATES RESOURCES, INC.

A Subsidiary of MSR Exploration Ltd.

OIL & GAS EXPLORATION & PRODUCTION
OPERATING IN THE ROCKY MOUNTAINS

CBM BUILDING - BOX 250 - CUT BANK, MONTANA 59427-0250
TELEPHONE (406) 873-2235 FAX 406-873-4731

February 23, 1993

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

RE: Annual Status Reports of Shut-In Wells
M.S.R. Federal 25-1X and Edris Calvert 1
San Juan County, Utah

Dear Mr. Staley:

Reference your letter of December 4, 1992 to Utah oil and gas well operators regarding annual well status reports.

Please find enclosed a Form 9 for each of the above captioned wells, reporting their status as temporarily abandoned and shut-in oil or gas wells.

If additional information is required, please advise.

Yours very truly,

MOUNTAIN STATES RESOURCES, INC.:

Reno N. Roncco

Reno N. Roncco
Petroleum Engineer

RNR/s

Enclosures

RECEIVED

FEB 26 1993

DIVISION OF
OIL GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS	5. Lease Designation and Serial Number: Fee
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	6. If Indian, Allottee or Tribe Name:
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	7. Unit Agreement Name:
2. Name of Operator: MOUNTAIN STATES RESOURCES, INC.	8. Well Name and Number: Edris Calvert #1
3. Address and Telephone Number: P.O. Box 250 - Cut Bank, Montana 59427 (406) 873-2235	9. API Well Number: 43-037-30972
4. Location of Well Footages: 1820' FNL & 570' FWL QQ, Sec., T., R., M.: SW$\frac{1}{2}$NW$\frac{1}{2}$ Section 35, T34S, R25E, S.L.M.	10. Field and Pool, or Wildcat: Wildcat County: San Juan State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other <u>Annual Status Report</u>	<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____
Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Mountain States Resources, Inc., Operator of the Edris Calvert No. 1, requests approval to continue shut-in status for the well. No market outlet exists for the well. All equipment except wellhead has been removed.

RECEIVED

FEB 26 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature: Reno N. Roncco Title: Petroleum Engineer Date: 02-23-93

(This space for State use only)

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

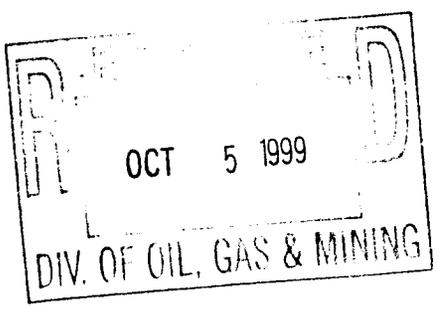
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: Fee
2. Name of Operator: Mercury Exploration Company	6. If Indian, Alitotee or Tribe Name:
3. Address and Telephone Number: P.O. Box 1970 Casper, WY 82602 307-307-234-1563	7. Unit Agreement Name:
4. Location of Well Footages: 1820' FNL & 570' FWL QQ, Sec., T., R., M.: SW/NW Sec. 35 T34S-R25E	8. Well Name and Number: Edris Calvert #1
	9. API Well Number: 43-037-30972
	10. Field and Pool, or Wildcat: Wildcat
	County: San Juan State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input checked="" type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start <u>November 15, 1999</u>	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. • Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Mercury Exploration Company proposes abandoning the Edris Calvert #1 using the attached procedure. The Edris Calvert #1 is an inactive well.



13. Name & Signature: Ken Hendricks *Ken Hendricks* Title: Regional Operation Eng. Date: 9/30/99

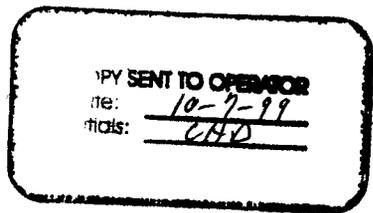
(This space for State use only)

APPROVED

The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

[Signature]
(See Instructions on Reverse Side)

Date: 10-6-99



Plugging & Abandonment Procedure

Edris Calvert #1

1820' FNL & 570' FWL

Sec. 35 – T34S – R25E SW ¼ / NW ¼

San Juan County, Utah

1. Set Cast Iron Bridge Plug (CIBP) at 4,980'. Place 12 sacks of cement (minimum yield 1.2 cu. ft per sack) on top of CIBP.
2. RIH with tubing and tag plug. Top of plug must be no lower than 4,880'.
3. Circulate hole. Spot 20 sacks of cement (minimum yield 1.2 cu ft. per sack) from 2126' to 2026'.
4. Perforate 4-1/2" casing at 100'.
5. Place 35 total sacks of cement (minimum yield 1.2 cu ft. per sack) in the 4-1/2" casing and in the 8-5/8" X 4-1/2" annulus.
6. The wellhead will be removed and a "dry-hole" plate will be installed.

MERCURY EXPLORATION

WELL NAME: Edris Calvert #1
LOCATION: 1820' FNL & 570' FWL
SECT/TWP/RNG: 35 34S 25E
COUNTY, ST: San Juan, Utah
WELL TYPE: Gas
MERCURY WI: 100%

BOPD	BWPD	MCFD
-------------	-------------	-------------

SPUD DATE: 12/18/83
RIG REL: 01/03/84
COMP DATE: 01/27/84
FIELD: Wildcat
FORMATION: Hermosa
Initial Pr: _____

IP

EDRIS CALVERT #1

SURFACE CASING DESIGN

8-5/8"
2076' 24 #/FT
SET @ 2076' KB
CEMENT W/ 300 SXS
TAILED W/ 50/50 POZ

PROD CASING DESIGN

4 1/2"
5337' 10.5 #/R
SET @ 5337' KB
CEMENT W/ 250 SXS
CEMENT TOP @ 4164'
DETER. BY CALCULATED

PROD LINER DESIGN

NONE

SET @ _____
CEMENT W/ _____
CEMENT TOP @ _____
DETER. BY _____

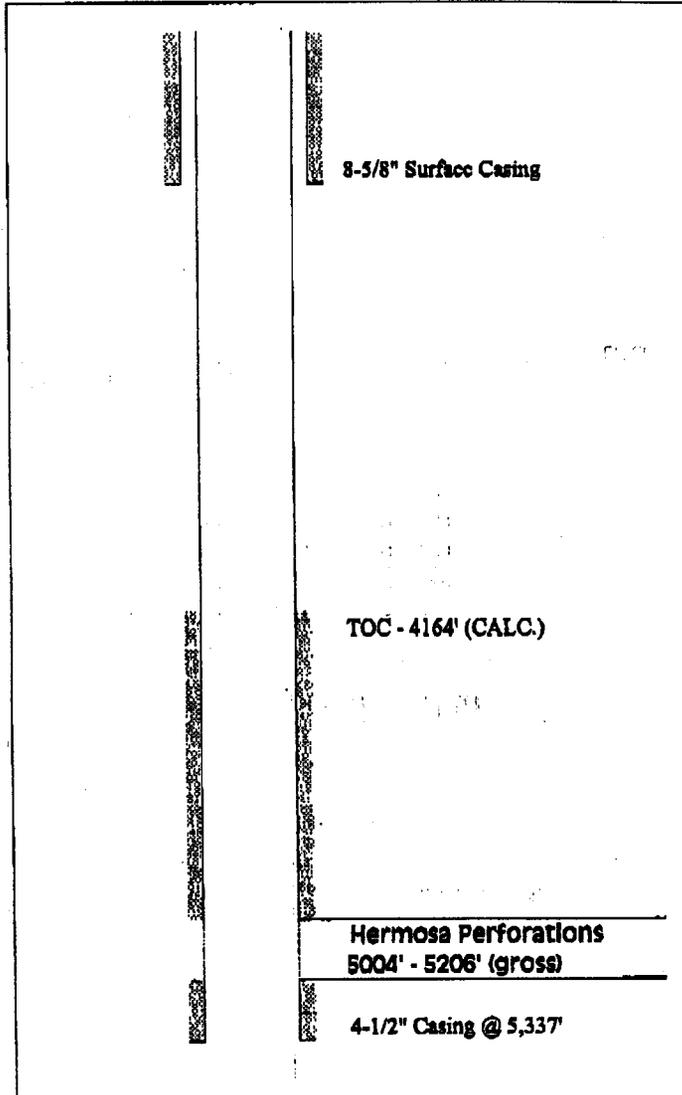
PERF. DATA:	SPF	FORM.
5004-5012'	2	Hermosa
5012-5020	4	Hermosa
5201-5206	2	Hermosa

TUBING DATA
2-3/8" ?

SET @ _____
PACKER TYPE ? ?
S.N ID / @ _____
TBG ANCH. @ _____

API # 43-037-30972

Prepared By: Ken Hendricks
Date: September 7, 1999



ACID JOB: Acidize with 500 gallons 28% HCL

FRAC JOB: NONE

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBENAME:
			7. UNIT OR CA AGREEMENT NAME:
1. TYPE OF WELL OILWELL <input type="checkbox"/> GASWELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME AND NUMBER: Edris Calvert #1
2. NAME OF OPERATOR: Mercury Exploration Company			9. API NUMBER: 43-037-30972
3. ADDRESS OF OPERATOR: PO Box 1970 CITY Casper STATE WY ZIP 82602		PHONENUMBER: (307) 234-1563	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1820' FNL & 570' FWL			COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 35 34S 25E			STATE: UTAH

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 The plugging and abandonment of the Edris Calvert #1 commenced on 6/28/00 and was completed on 7/6/00. The Division of OG&M was notified on 6/28/00. The plugging details are shown below and a detailed summary of the procedure is also attached.

MI & RU A-Plus Well Service.
 Run a bit and a 4-1/2" casing scraper to 4994'. Made 3 attempts to set a 4-1/2" cement retainer at 4963' with no success. Spot a 47 sack cement plug from 5215' to 4800'.
 Tag plug at 4579'. Spot a 20 sack cement plug from 2142' to 1876'. Tag cement at 1935' and pressure test casing to 500 psi. Held OK for 10 minutes.
 Perforated 2 squeeze holes at 100'. Could not establish circulation by pumping down the 4-1/2" casing. Pump 20 sacks of cement down the 4-1/2" casing and 50 sacks of cement down the braidenhead. Tag cement plug at 1935'. Perforate casing at 85' and pump 32 sacks of cement. Circulated good cement out of the braidenhead.
 Cut off wellhead and cement at surface with 10 sacks. Install P&A plate and RD.

NAME (PLEASE PRINT) <u>Ken Hendricks</u>	TITLE <u>Regional Operations Manager</u>
SIGNATURE	DATE <u>7/24/2000</u>

(This space for State use only)

RECEIVED

JUL 26 2000

DIVISION OF
OIL, GAS AND MINING

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- ! miscellaneous work projects and actions for which others specific report forms do not exist;
- ! all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing wellbore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing wellbore (intent only),
 - reperforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposalsto

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing wellbore,
- drill hydrocarbon exploratory holes such as scores samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT-A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT-A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT-Proposals to abandon a well and subsequent reports of abandonments should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- ! completing or plugging a new well,
- ! reentering a previously plugged and abandoned well,
- ! significantly deepening an existing wellbore below the current bottom-hole depth,
- ! drilling horizontal laterals from an existing wellbore,
- ! drilling hydrocarbon exploratory holes such as scores samples and stratigraphic tests,
- ! recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

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JUL 26 2000

DIVISION OF
OIL, GAS AND MINING

A PLUS WELL SERVICE, INC

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

July 7, 2000

Mercury Exploration Company
Edris Calvert #1
Unit E, SW, NW Section 35, T-34-S, R-25-E
San Juan County, UT
Fee, API # 43-037-30972

Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 47 sxs Class B cement from 5215' to 4800' to fill Hermosa perforations and to cover top.

Plug #2 with 20 sxs Class B cement with 2% CaCl₂ from 2142' to 1876' to cover Chinle top.

Plug #3 with 80 sxs Class B cement with 2% CaCl₂ pumped 20 sxs down the 4-1/2" casing from surface to 100', then shut in casing. Pumped 50 sxs cement into bradenhead, shut in valves well and WOC overnight.

Plug #3b with 32 sxs Class B cement pumped down the 4-1/2" casing from 85' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified Utah Division of O, G & M on 6-28-00

6-28 Road rig and equipment to location. Spot too windy to rig up. SDFD.

6-29 Company Safety Meeting. Open up well; no pressure. ND wellhead and remove donut. NU BOP and test string. Run 7/8" A-Plus' tubing workstring and round-trip 4-1/2" casing. Run 10 joints tubing and LD 1 joint with scraper; tubing full of water with black paraffin. Shut in well and SDFD.

6-30 Safety Meeting. Open up well; no pressure. Run 4-1/2" DHS cement retainer and attempt to set retainer at 4965'. Would not set. Pump 40 bbls water down tubing; no circulation. Attempt to set retainer; would not set. LD 1 joint tubing and attempt to set retainer same results. Procedure: Run PU 8 joints more tubing to get retainer to 5215' (below perforations). Plug #1 with 47 sxs Class B cement from 5215' to 4800' to fill Hermosa perforations and to cover top. TOH with tubing and WOC. Recovered all the DHS retainer. Shut in well and SDFD.

7-05 Safety Meeting. Open up well; no pressure. Open BOP to confirm the well has 4-1/2" casing. TIH with tubing and tag plug #1 at 4579'. PUH to 2142'. Load casing with water and attempt to pressure test; leak 1-1/2 bpm at 350#. Plug #2 with 20 sxs Class B cement with 2% CaCl₂ from 2142' to 1876' to cover Chinle top.

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DIVISION OF
OIL, GAS AND MINING

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

July 7, 2000

Mercury Exploration Company
Edris Calvert #1
Unit E, SW, NW Section 35, T-34-S, R-25-E
San Juan County, UT
Fee, API # 43-037-30972

Page 2 of 2

Plug & Abandonment Report

Plugging Summary Continued:

7-05: Continued: PUH and WOC (due to casing leak). TIH and tag cement at 1935'. Load casing and pressure test to 500#, held OK for 10 minutes. TOH and LD tubing. RU A-Plus wireline truck and perforate 2 bi-wire squeeze holes at 100'. Pump down 4-1/2" casing with 30 bbls water; bradenhead no circulation, on a vacuum. Change over and pump down bradenhead with 30 bbls water; casing went on a vacuum. Plug #3 with 80 sxs Class B cement with 2% CaCl₂ first pumped 20 sxs down the 4-1/2" casing from surface to 100' then down casing and pumped 50 sxs cement into bradenhead, shut in valves well and WOC overnight. SDFD.

7-06 Safety Meeting. Open up well and pressure casing and bradenhead on a vacuum. RU A-Plus wireline and RIH. Pumped cement down 4-1/2" casing at 1935' (which is plug #2; apparently all the cement went down the squeeze holes at 100'). Load the casing with water to pressure test casing; pressured up to 500# with 1-1/2 bbls, then would bleed down. Pump down bradenhead with 45 bbls; (to approximately 1000'), then it pressured up to 500#; established a rate of 1/4 to 1/2 bpm at 200#. Bradenhead would hold pressure at 100#. Perforate casing at 85' with 2 bi-wire squeeze holes. Establish circulation through the well. Plug #3b with 32 sxs Class B cement pumped down from surface to 85' and circulate good cement out bradenhead. Shut in well and WOC. No Dig out wellhead. Cut off wellhead; cement at surface. Mix 10 sxs Class B cement and install P&A plate. RD and MOL.

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DIVISION OF
OIL, GAS AND MINING

WHITNEY L. CARDWELL
DIRECT DIAL 817-877-2804
E-MAIL wcardwell@canteyhanger.com

801 CHERRY STREET ■ SUITE 2100
FORT WORTH, TEXAS 76102-6821
817-877-2800 ■ METRO 817-429-3815
FAX 817-877-2807

March 13, 2001

43-037-30972

VIA FEDERAL EXPRESS

Mr. Al McKee
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Mercury Exploration Company

Dear Mr. McKee:

As per our conversation yesterday, attached are the following Sundry Notices and Reports on Wells:

1. Redd Investment Corp. #11-1;
2. Morris Nelson #6-11; and
3. Edris Calvert #1.

Ken Hendricks, Regional Operations Manager of Mercury Exploration Company, submitted the above referenced reports to Bob Krueger at the Utah Division of Oil, Gas & Mining in July 2000. We need to determine the filing date of these notices because the Utah State Tax Commission is sending 2001 Annual Returns and 2001 Returns of Assessment concerning these three wells. These reports are being generated because the Tax Commission's records indicate that the wells have not been plugged and abandoned. However, all of these wells were plugged by July 6, 2000.

Thank you for your assistance. Please contact me if you have any questions.

Sincerely,

Whitney L. Cardwell

Whitney L. Cardwell

Enclosures

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MAR 14 2001

DIVISION OF
OIL, GAS AND MINING

Mr. Al McKee
March 13, 2001
Page 2

cc: Dean A. Tetirick - Firm (w/o encl)
Barbara Turley - Quicksilver (w/o encl)

I:\LGL\WCARDWEL\Quicksilver\Letters\2001\utah.oil-gas.wpd

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- | miscellaneous work projects and actions for which the specific report forms do not exist;
- | all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:

- minor deepening of an existing wellbore,
- plugging back a well,
- recompleting to different producing formation within an existing wellbore (intentionally),
- reoperating the current producing formation,
- drilling sidetrack to repair well,
- reporting monthly the status of each drilling well.

This form is not to be used for **proposals to**

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepening existing well below the current bottom-hole depth,
- drill horizontal laterals from an existing wellbore,
- drill hydrocarbon exploratory holes such as cores samples and stratigraphic tests.

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SUBSEQUENT REPORT-A subsequent report shall be submitted to the Division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT-Proposals to abandon a well and subsequent reports of abandonments should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or other waxes; depths (top and bottom) and method of placement of cement plugs; mud or the material placed below, between and above plugs; amount, size, and method of porting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and data wells are conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, must be submitted to the Division to report the

Form 8, Well Completion or Recompletion Report and Log results of the following operations:

- | completing or plugging a new well,
- | reentering a previously plugged and abandoned well,
- | significant deepening an existing well bore below the current bottom-hole depth,
- | drilling horizontal laterals from an existing wellbore,
- | drilling hydrocarbon exploratory holes such as cores samples and stratigraphic tests,
- | recompleting to different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1864 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-6801

Phone: 801-398-5940

Fax: 801-359-3940

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MAR 14 2001

DIVISION OF
OIL, GAS AND MINING

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

July 7, 2000

Mercury Exploration Company
Edrie Calvert #1
Unit E, SW, NW Section 35, T-34-S, R-25-E
San Juan County, UT
Fee, API # 43-037-30972

Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 47 sxs Class B cement from 5215' to 4800' to fill Hermosa perforations and to cover top.

Plug #2 with 20 sxs Class B cement with 2% CaCl₂ from 2142' to 1876' to cover Chinle top.

Plug #3 with 50 sxs Class B cement with 2% CaCl₂ pumped 20 sxs down the 4-1/2" casing from surface to 100', then shut in casing and pumped 50 sxs cement into bradenhead, shut in valves well and WOG overnight.

Plug #3b with 32 sxs Class B cement pumped down the 4-1/2" casing from 85' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified Utah Division of O,G & M on 6-28-00

6-28 Road rig and equipment to location. Spot on location windy to rig up. SDFD.

6-29 Company Safety Meeting. Open up well, no pressure. ND wellhead and remove donut. NU BOP and test in tubing tools. Run 2 1/2" A-Plus' tubing workstring and round-trip 4-1/2" casing scraper. Run 2 1/2" tubing and LD 1 joint with scraper; tubing full of water. Shut in well and SDFD.

6-30 Safety Meeting. Open up well, no pressure. Try run 4-1/2" DHS cement retainer and attempt to set retainer at 496'. Could not set. Pump 40 bbls water down tubing; no circulation. Attempt to set retainer; would not set. LD 1 joint tubing and attempt to set retainer. Same results. Procedure changed. PU 8 joints more tubing to get retainer to 5215' (below perforations). Pump 47 sxs Class B cement from 5215' to 4800' to fill Hermosa perforations and to cover top. TOH with tubing and WOC. Recovered all the DHS retainer. Shut in well and SDFD.

7-05 Safety Meeting. Open up well; no pressure. Open BOP to confirm the well has 4-1/2" casing. TIH with tubing and tag plug #1 at 4579'. PUH to 2142'. Load casing with water and attempt to pressure test; leak 1-1/2 bpm at 350#. Plug #2 with 20 sxs Class B cement with 2% CaCl₂ from 2142' to 1876' to cover Chinle top.

RECEIVED

MAR 14 2001

DIVISION OF
OIL, GAS AND MINING

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

July 7, 2000

Mercury Exploration Company
Edris Calvert #1
Unit E, SW, NW Section 35, T-34-S, R-25-E
San Juan County, UT
Fee, API # 43-037-30872

Page 2 of 2

Plug & Abandonment Report

Plugging Summary Continued:

7-05: Continued: PUH and WOC (due to casing leak). TIH and tag cement at 1935'. Load casing and pressure test to 500#, held OK for 10 minutes. TOH and LD tubing. RU A-Plus wireline truck and perforate 2 bi-wire squeeze holes at 100'. Pump down 4-1/2" casing with 90 bbls water; bradenhead no circulation, on a vacuum. Change over and pump down bradenhead with 45 bbls water; casing went on a vacuum. Plug #3 with 80 sxs Class B cement with 2% CaCl₂ first pumped 20 sxs down the 4-1/2" casing from surface to 100' then in casing and pumped 50 sxs cement into bradenhead, shut in valves and left well overnight. SDFD.

7-06 Safety Meeting. Open up well to pressure casing and bradenhead on a vacuum. RU A-Plus wireline and RIH. Plugged casing in 4-1/2" casing at 1935' (which is plug #2; apparently all the cement went down squeeze holes at 100'). Load the casing with water to pressure test casing; pressured up to 500# with 1-1/2 bbls, then would bleed down. Pump down bradenhead with 45 bbls; (to approximately 1000'), then it pressured up to 200#; established a rate of 1/4 to 1/2 bpm at 200#. Bradenhead would hold pressure at 100'. Plug #3a with 32 sxs Class B cement pumped down to surface, circulate good cement out bradenhead. Shut in valves and Dip out wellhead. Cut off wellhead; cement at surface with 10 sxs Class B cement and install P&A plate. RD and MOL.



RECEIVED

MAR 14 2001

DIVISION OF
OIL, GAS AND MINING