

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed *2-10-77*

Location Inspected

OW. ✓..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log. ✓.....

Electric Logs (No.) ✓.....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Willard Pease Oil & Gas Company

3. ADDRESS OF OPERATOR
 P.O. Box 548, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface: SW. SE. SEC. 3, T. 20 S., R. 21 E., S. 1. M.
 At proposed prod. zone: 2103' from E-line & 537' from S-line



5. LEASE DESIGNATION AND SERIAL NO.
 U-11620

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 Anschutz CC #1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SW. SE. Sec. 3-20S-21E -SIM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 About 15 miles nw. of Cisce, Utah

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 537'

16. NO. OF ACRES IN LEASE
 355

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 3000'

19. PROPOSED DEPTH
 3450'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5695' grd.; 5706' K.B.

22. APPROX. DATE WORK WILL START*
 Aug. 1, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	7 5/8"	26.40#	250'	110 sks.

It is planned to drill a well at the above location to test the oil and gas potential of the Dakota, Cedar Mountain, and Morrison formations. (The Entrada will also be tested, if no production is obtained above.) The well will be drilled thru the Salt Wash member of the Morrison formation, and possibly 50' into the Entrada formation. The top of the Dakota is expected at about 2725'; The Cedar Mountain at 2820'; the Morrison at 2900'; and the Entrada at 3450'. The well will be drilled with rotary tools using air-water-soap for circulation. It is hoped that damage to the potential pay-zones can be minimized in this manner; plus eliminating the need for several drill-stem-tests. The surface casing will be set and cemented with returns to the surface. A blowout preventer will be placed on the surface casing head and a rotating head will be used on top of the blowout preventer. A 6 3/4" hole will be drilled below the surface casing. In the event of production, 5 1/2" casing will be set and cemented thru the production zones.

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 W. Don Gungley TITLE Consulting Geologist DATE July 19, 1976

(This space for Federal or State office use)
 PERMIT NO. 43-019-36298 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

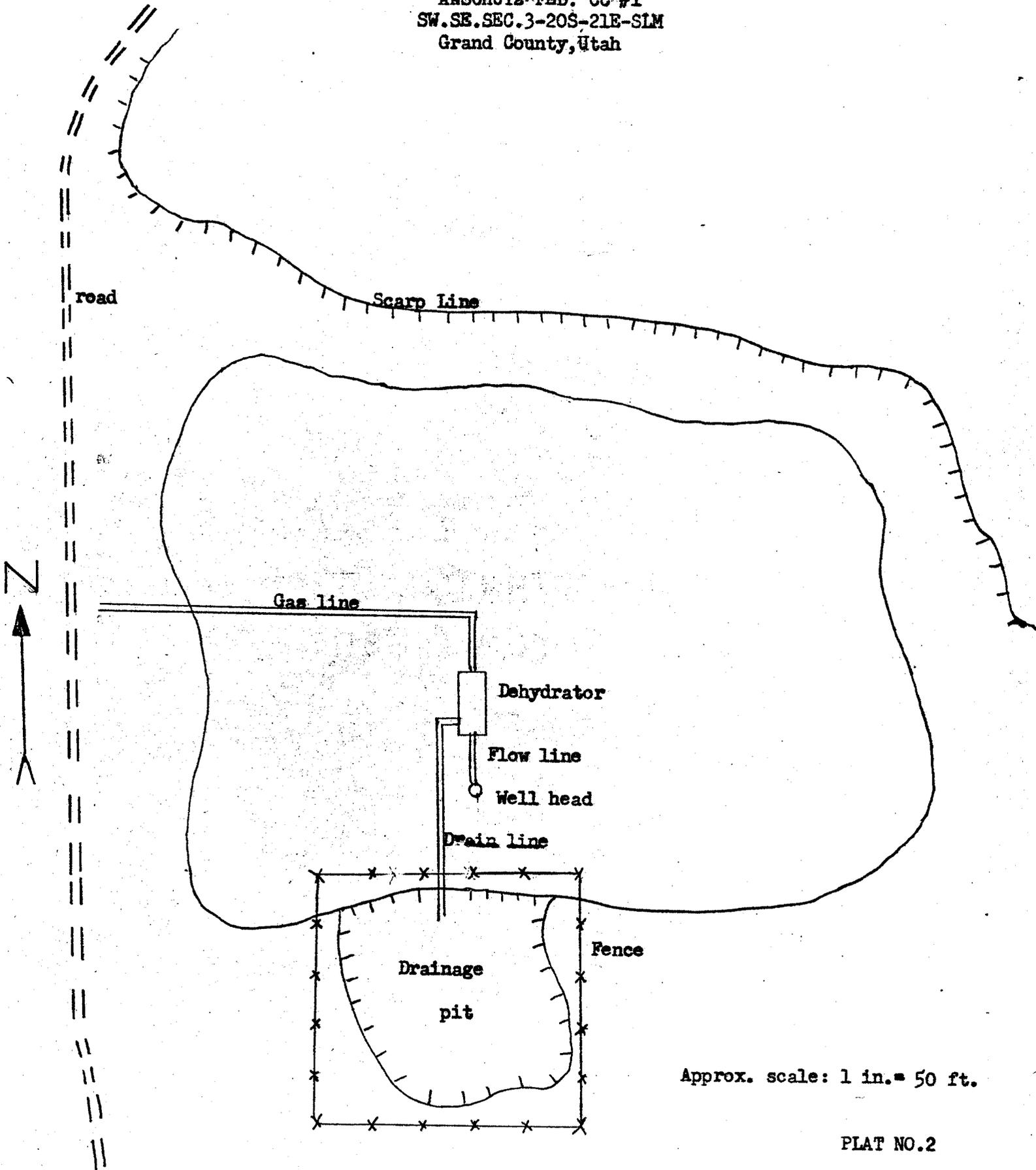
LOCATION PLANS FOR
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ FED. CC #1
SW. SE. SEC. 3-26S-21E-SLM
GRAND COUNTY, UTAH

1. A survey plat (Plat No.1) showing the location of the proposed well is attached. Map No.1 shows the route to the well site area from Hwy.50-6 (I-70). This map also shows all the secondary roads now present in the area around the proposed well site.
2. Map No.2 shows the access road in detail (see red dashed line). This road is less than $\frac{1}{2}$ mile in length and will simply connect the ~~the~~ proposed well site with the Bull Canyon Road well.
3. All present wells and dry holes in the area around the proposed well site are shown on Map No.2.
4. See 1 and 2 above.
5. A plan for the placement of the production equipment at the well site, if the well is successful, is shown on Plat No.2.
6. Water for drilling operations is normally available at the junction of Bull Canyon and Nash Canyon. The water will be hauled from Nash Wash to the well by truck.
7. A plat showing the plan for the equipment layout to be used in the drilling of the proposed well is shown on Plat No.3. This plat shows the reserve pit and garbage (burn) pit. Excess drilling mud, waste water, and cuttings will be deposited into the reserve pit during the drilling operations. The garbage and burnable material will be put into the burn pit. At the completion of the well these pits will be folded in and levelled.
8. See location of house trailers on Plat No.3.
9. There are no air strips in the surrounding area near the well site.
10. See Plat No. 3 for the drilling equipment layout.
11. There is no topsoil at the proposed well site. The surface is rocks and gravel typical of talus slopes along the Mesaverde and Mancos cliffs. Brush and juniper trees cover the surface. After the well is completed, the well site will be cleaned and levelled and the pits will be covered. Seeding will be done,

if required; but the position of the site on the rock slope would probably make seeding useless.

12. As can be seen from the topographic map, the area is rugged and has steep cliffs, narrow canyons, and numerous dry washes. Access is permitted by following the narrow canyons. The places suitable for well sites are limited and often have to be located in unorthodox positions due to topographic limitations. The rocks exposed in the area of the site are sandstones and shales belonging to the lower Mesaverde and upper Mancos formations. There are a few coal seams about 1-ft. or less in thickness along the canyon north of the site. There are none in the vicinity of the well site.

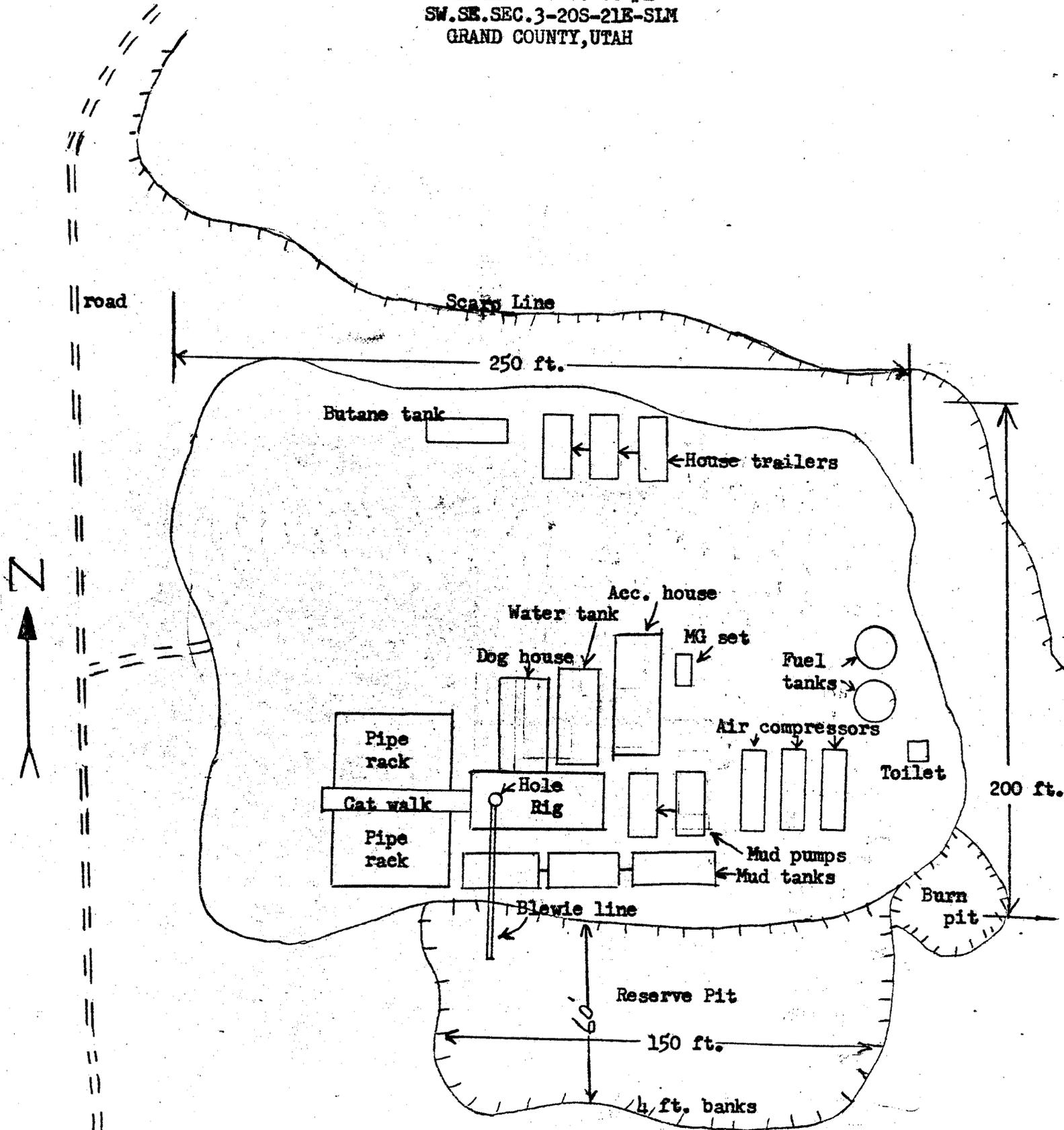
PLAN FOR COMPLETION EQUIPMENT
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ FED. CC #1
SW. SE. SEC. 3-20S-21E-S1M
Grand County, Utah



Approx. scale: 1 in. = 50 ft.

PLAT NO. 2

LAYOUT OF DRILLING EQUIPMENT
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ FED. CC #1
SW. SE. SEC. 3-20S-21E-SLM
GRAND COUNTY, UTAH



Approx. scale: 1 in. = 150 ft.

WELL CONTROL EQUIPMENT FOR
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ FED. CC # 1
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well:

1. Surface Casing:
 - A. Hole size for surface casing is 11".
 - B. Setting depth for surface casing is approx. 250 ft.
 - C. Casing specs. are: 7 5/8" D.D., J-55, 26.40#, 8 rd. thread, new or used.
 - D. Anticipated pressure at setting depth is approx. 60 lbs.
 - E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 110 sks of cement with returns to the surface.
 - F. Top of the casing will be at ground level.
2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level.
3. Intermediate Casing:

None.
4. Blowout Preventors:
 - A. Double rams; hydraulic; one set of blind rams; one set of rams for 3 1/2" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i.
 - B. Rotating Head:

Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" rubber for 2000# W.P.; need not have hydril assembly on bottom.
 - C. Fill and Kill Lines:

The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head.
5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A string float will also be used in the drill pipe and kept within 200'-300' of the surface.
6. Anticipated Pressures:

The shut-in pressures of the Dakota, Cedar Mountain, and Morrison formations at depths of 3000' to 4000' in the area have been measured at about 1000# to 1500# maximum.
7. Drilling fluids:

Air-soap-water mist will be used to drill the subject well. In case of excessive caving problems, it may be

necessary to convert to mud.

8. Production Casing:

- A. Hole size for production casing will be 6 3/4".
- B. Approx. setting depth will be about 3800'
- C. Casing Specs. are: 5½" O.D.; J-55; 15.50#; 8-rd thread; new or used.
- D. Casing will be run with about six centralizers and a Lynes packer and DV tool set above the production zone. There will be sufficient casing to extend thru the production zone below the Lynes packer and a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the packer. Two inch tubing will be run and secured in the tubing head prior to perforating. Pump and rods can be run after the well is swabbed-in.

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: July 29 -
 Operator: Willard Kane Oil & Gas
 Well No: Fed. Anschutz #00-1
 Location: Sec. 5 T. 20S R. 21E County: Grand

SW SW SE

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:

Administrative Assistant: [Signature]

Remarks: Nothing in area -

Petroleum Engineer/Mined Land Coordinator: OK B

Remarks:

Director: Z

Remarks:

Pulled COM

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. Blowout Prevention Equipment
 Rule C-3(c) Topographical exception/company owns or controls acreage
 within a 660' radius of proposed site
 O.K. Rule C-3 O.K. In _____ Unit
 Other:

Letter Written

July 22, 1976

Willard Pease Oil & Gas Company
P.O. Box 548
Grand Junction, Colorado 81501

Re: Well No. Federal Anschutz CC #1
Sec. 3, T. 20 S, R. 21 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedures.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30298.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [] PLUG BACK []
1b. TYPE OF WELL: OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR: Willard Pease Oil & Gas Company

3. ADDRESS OF OPERATOR: P.O. Box 548, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface SW. SE. SEC. 3, T. 20 S., R. 21 E., S. 1 E. At proposed prod. zone 2103' from E-line & 537' from S-line

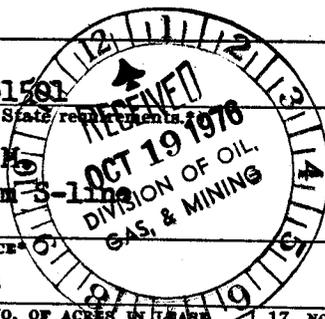
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: About 15 miles nw. of Cisco, Utah

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any): 537'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 3000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5695' grd.; 5706' K.B.

5. LEASE DESIGNATION AND SERIAL NO.: U-11620
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: (WILLOW CREEK) EAST
8. FARM OR LEASE NAME: Federal
9. WELL NO.: Anschutz CC #1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW. SE. Sec. 3-20S-21E -SLM
12. COUNTY OR PARISH: Grand 13. STATE: Utah
17. NO. OF ACRES ASSIGNED TO THIS WELL: 80
22. APPROX. DATE WORK WILL START: Aug. 1, 1976



23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: 11", 7 5/8", 26.40#, 250', 110 sks.

It is planned to drill a well at the above location to test the oil and gas potential of the Dakota, Cedar Mountain, and Morrison formations. (The Entrada will also be tested, if no production is obtained above.) The well will be drilled thru the Salt Wash member of the Morrison formation, and possibly 50' into the Entrada formation. The top of the Dakota is expected at about 2725'; The Cedar Mountain at 2820'; the Morrison at 2900'; and the Entrada at 3450'. The well will be drilled with rotary tools using air-water-soap for circulation. It is hoped that damage to the potential pay-zones can be minimized in this manner; plus eliminating the need for several drill-stem-tests. The surface casing will be set and cemented with returns to the surface. A blowout preventer will be placed on the surface casing head and a rotating head will be used on top of the blowout preventer. A 6 3/4" hole will be drilled below the surface casing. In the event of production, 5 1/2" casing will be set and cemented thru the production zones.

MANCOS FORMATION @ SURFACE

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.

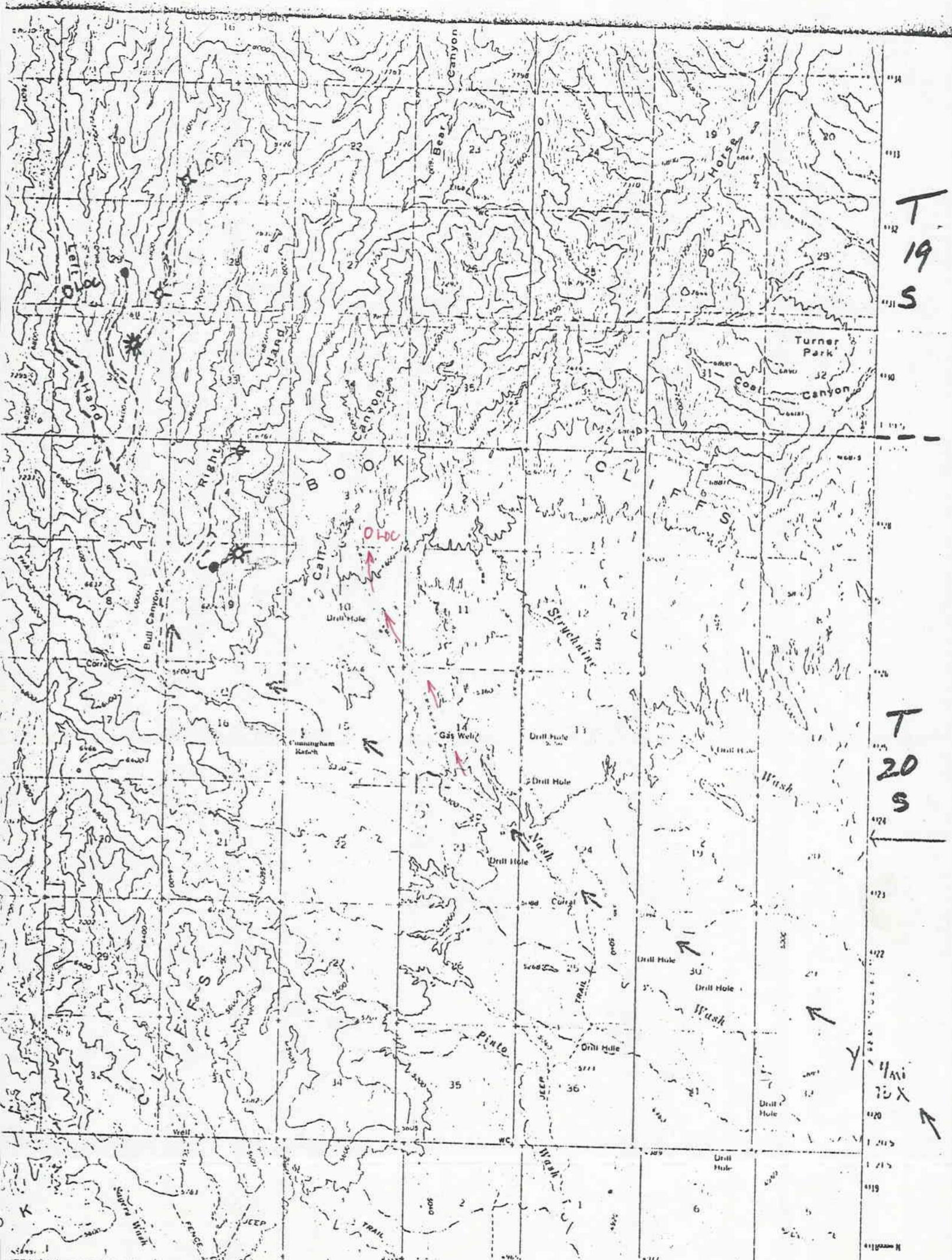
24. SIGNED: [Signature] TITLE: Consulting Geologist DATE: July 19, 1976

PERMIT NO. APPROVAL DATE

APPROVED BY: (Orig. Sgd.) E. W. Guynn TITLE: DISTRICT ENGINEER DATE: OCT 18 1976

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL NOTICE - UTAH STATE DIV. OIL, GAS & MINING *See Instructions On Reverse Side



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19
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T
20
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Y
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70 X
↑

R 21 E

R 22 E

119

(THOMPSON)
4061 1
SCALE 1:62,500

ROAD CLASSIFICATION

Light duty

Unimproved dirt

() State Route

FOUR INTERVAL 80 FEET
IS REPRESENT 40 FOOT CONTOURS
EUM IS MEAN SEA LEVEL



SEGO CANYON, UTAH
NEELEY, DENVER

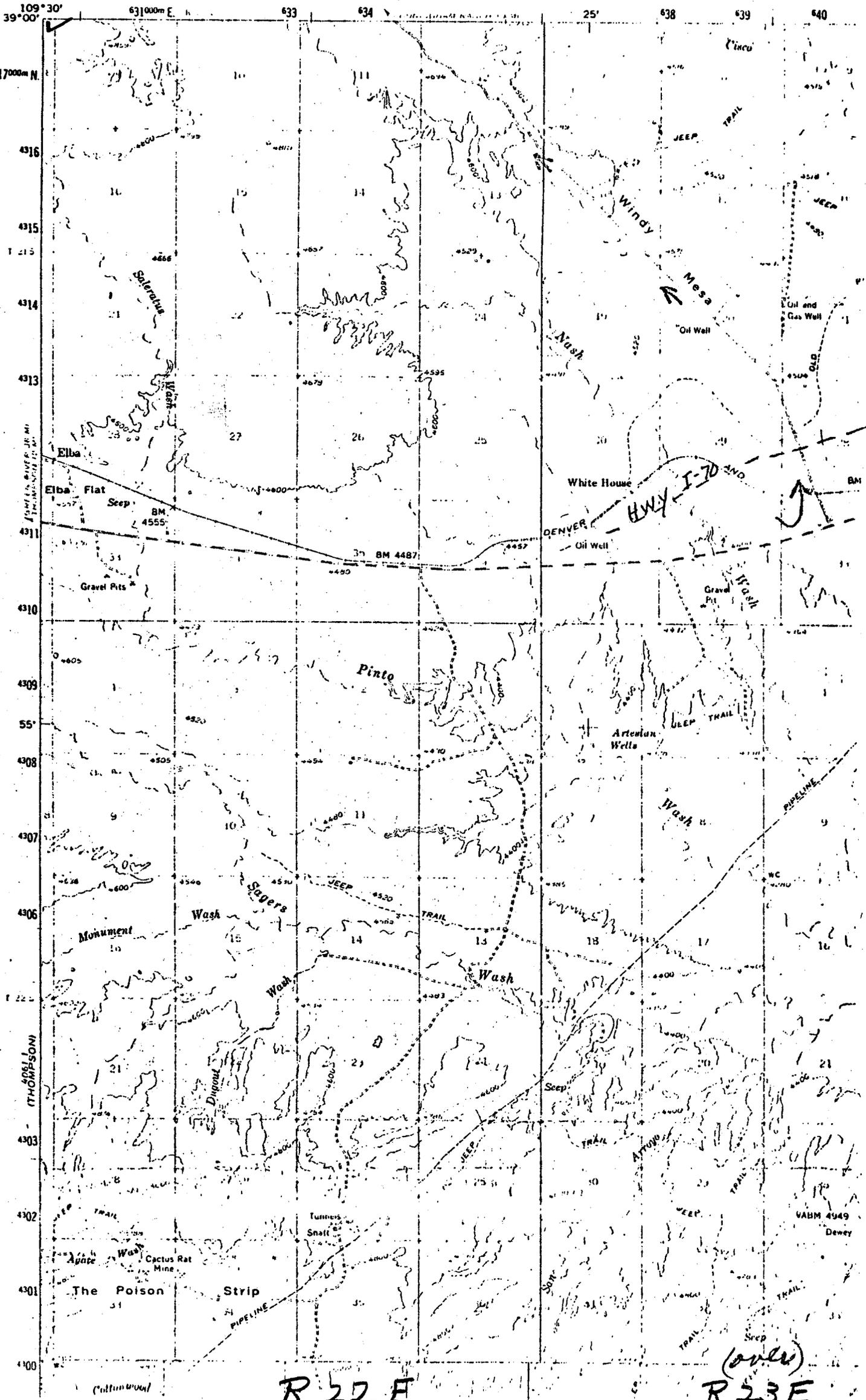
WITH NATIONAL MAP ACTUALLY STAYED
NEELEY, DENVER, FULL ROAD OR WASHINGTON 25, D C
REPLICA MAPS AND CONTIGUES IS AVAILABLE ON REQUEST



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED
ATOMIC ENERGY

4 mi. 1/2 Y



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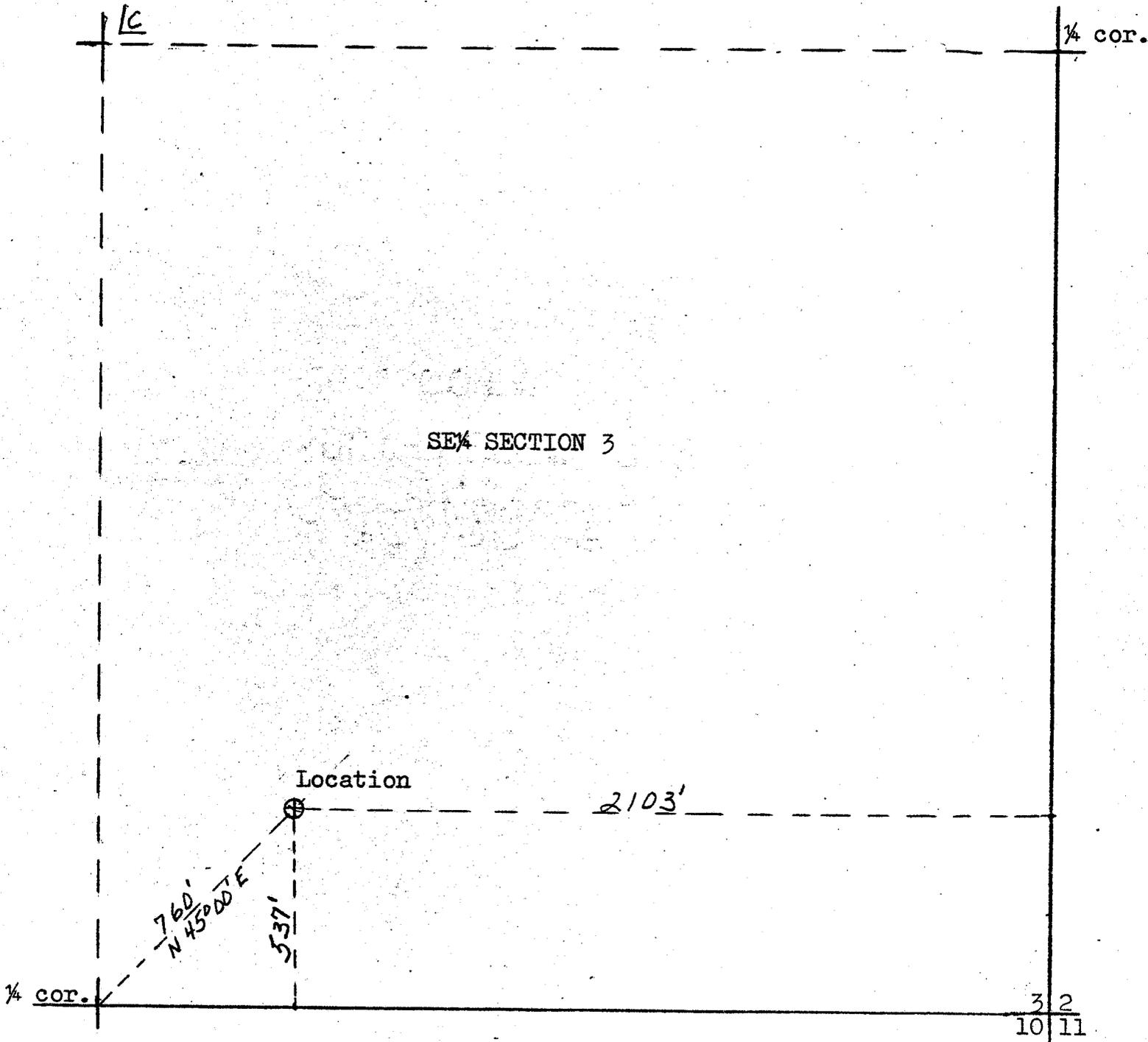
T
22
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R 22 E

(over)
R 23 E

LOCATION PLAT FOR
ANSCHUTZ-FED, #1 CC WELL
SW:SE:SEC:3-20S-21E
GRAND COUNTY, UTAH

Elev.: 5695' grd.



I, W. Don Quigley, do hereby certify
that this plat was plotted from
notes of a field survey made by me
on July 12, 1976.

W. Don Quigley

Scale: 1 in. = 400 ft.
Date: July 17, 1976
Surveyed by: W. Don Quigley

Plat No. 1

OPERATOR WILLARD PEASE O&G TOWNSHIP 20S RNG 21E

WELL NO. CALF CANYON FED #1 SEC. 1 1/4 SWSE

LEASE FEDERAL API# 43-019-30298

IP TEST DATA: 217

DATE 2-8-77 GOR 0

BO 110 MCF GAS TSTM BBL WATER 0

MONTH	DAYS PRODUCED	BBLS OIL	MCF GAS	BBL WATER	MCF FLARED	MCF FLARED/D	MCF USED ON LEASE	MCF SOLD	GOR
JANUARY	1	18	0	0	0	0	0	0	0
FEBRUARY	21	509	0	0	0	0	0	0	0
MARCH	29	975	0	0	0	0	0	0	0
APRIL	27	871	0	0	0	0	0	0	0
MAY	31	1009	0	52	0	0	0	0	0
JUNE	30	920	0	0	0	0	0	0	0
JULY	27	680	0	0	0	0	0	0	0
AUGUST	31	840	0	0	0	0	0	0	0
SEPT.	25	612	0	0	0	0	0	0	0
OCTOBER	31	868	0	0	0	0	0	0	0
NOV.	14	236	0	0	0	0	0	0	0
DECEMBER	31	1020	0	3	0	0	0	0	0

DISPOSITION

OPERATOR WILLARD PEASE O&G TOWNSHIP 20S RNG 21E

WELL NO. CALF CANYON #1 SEC. 3 $\frac{1}{4}$ / $\frac{1}{4}$ SWSE

LEASE ENTITY 2510 API# 43-019-30298

IP TEST DATA:

DATE 2-8-77 GOR 0

BO 110 MCF GAS TSTM BBL WATER 0

MONTH	DAYS PRODUCED	BBLs OIL	MCF GAS	BBL WATER	DISPOSITION				
					MCF FLARED	MCF FLARED/D	MCF USED ON LEASE	MCF SOLD	GOR
JANUARY	28	1543	0	141	0	0	0	0	0
FEBRUARY	25	1326	0	0	0	0	0	0	0
MARCH	31	1868	0	0	0	0	0	0	0
APRIL	28	1523	0	0	0	0	0	0	0
MAY	26	1027	0	0	0	0	0	0	0
JUNE	22	706	0	0	0	0	0	0	0
JULY	30	1125	0	0	0	0	0	0	0
AUGUST	21	957	0	0	0	0	0	0	0
SEPT.	30	1226	0	0	0	0	0	0	0
OCTOBER	18	665	0	0	0	0	0	0	0
NOV.	27	903	0	0	0	0	0	0	0
DECEMBER	12	391	0	0	0	0	0	0	0

OPERATOR WILLARD PEASE O&G TOWNSHIP 20S RANG 21E

WELL NO. CALF CANYON #1 SEC. 3 1/4 SWSE

LEASE ENTITY 2510 API# 43-019-30298

IP TEST DATA:

DATE 2-8-77 GOR 0

BO 110 MCF GAS TSTM 0 BBL WATER 0

MONTH	DAYS PRODUCED	BBLS OIL	MCF GAS	BBL WATER	DISPOSITION				
					MCF FLARED	MCF FLARED/D	MCF USED ON LEASE	MCF SOLD	GOR
JANUARY	31	2535	0	0	0	0	0	0	0
FEBRUARY	19	1079	0	0	0	0	0	0	0
MARCH	31	2358	0	0	0	0	0	0	0
APRIL	23	1331	0	0	0	0	0	0	0
MAY	30	1579	0	58	0	0	0	0	0
JUNE	28	1873	0	0	0	0	0	0	0
JULY	31	2186	0	0	0	0	0	0	0
AUGUST	25	1426	0	0	0	0	0	0	0
SEPT.	27	1377	0	3	0	0	0	0	0
OCTOBER	14	430	0	0	0	0	0	0	0
NOV.	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0

3-3-77-Photostat
Bung
Circulated *J*

W. DON QUIGLEY

OIL AND MINERALS CONSULTANT
803 PHILLIPS PETROLEUM BLDG. - SALT LAKE CITY, UTAH 84101
March 2, 1977

P

Mr. Cleon Feight
Oil & Gas Division
Dept. of Natural Resources
1588 West N. Temple
Salt Lake City, Utah 84116

Re: Anschutz-Fed. CC #1
Well, Sec. 3-20S-21E

Dear Jack,

Reference is made to your letter of Feb. 28, 1977 in regard to certain delinquent reports on wells drilled by Willard Pease Oil & Gas Company. Most all of these reports have now been sent in or are in the process of preparation.

In regard to the Anshutz-Fed. CC#1 well, this well was not drilled until Jan 29-Feb. 4 1977, due to the unavailability of a rig and to the long delay for a tram road permit and bond. Therefore no reports are due yet. A final report of the well which was completed as an oil well from the Dakota formation is being prepared now. Because of the long delay in getting well permits approved, it has been necessary to file the application several weeks before the well will actually be drilled. In the meantime, circumstances may change causing additional delays such as rig availability, change in financing, etc. It is therefore reasonable to expect a certain amount of patience on the part of the government agencies in return for the patience of the operators in getting the permits. We are in the process of trying to find more energy supplies and this should have a certain amount of priority over the paper work.

The CC#1 well was drilled to a depth of 3287' which was about 250' below the top of the Morrison formation. It was completed on Feb. 8, 1977 as an oil well producing about 80 to 100 bbls. of oil per day from the Dakota formation. The top of the Dakota was at 2840' and the productive sand was at 2948' to 2980'. Casing (4½") was set at 3069' and cemented with 125 sks of thixotropic cement. The casing was perforated at 2950' to 2968', and at 2972' to 2979' with one shot per ft. Tubing, rods, and pump have been run into the well. A pump jack has been installed, and tanks have been placed on the location.

The final report on this well will be sent in as soon as it is finished. Due to the high work load, these reports can be de-

layed somewhat.

Sincerely, we do apologize for some of the omissions and failures to notify you on some of the plugging procedures in the past. We will see that this is done in the future.

cc: Ed Guynn, U.S.G.S.
Willard Pease Oil & Gas Co.
John Gordon, Consultant

Sincerely yours,

W. Don Quigley
W. Don Quigley



<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surface	2840'	5706' K.B.
Dakota	2840'	140'	2866'
Cedar Mountain	2980'	36'	2726'
Morrison (Brushy Basin)	3016'	224'	2690'
(Salt Wash)	3240'	—	2466'
Total Depth	3287'		

The top of the Dakota formation was about 115 ft. lower than anticipated; and was about 140' lower structurally than the Cabeen #3-1 well, located about one mile to the south. This moves the axis of the structure to the south, about $\frac{1}{2}$ mile from the axis shown by the geophysical data. However, it is obvious from the channel sand deposit at the base of the Dakota that the location was on a high spot at the end of Cedar Mountain time.

Conclusion

The Pease Oil & Gas Co.-Anschutz #1 CC well was drilled on a geophysical anomaly which was partly confirmed by the presence of both structure and a well developed channel sand at the base of the Dakota formation. The well was positioned on the north-west plunging axis of the Cisco Dome structure with a north-easterly trending fault crossing the structure about one half mile southeast of the well location. The well was actually in a horst fault block and isolated from the prior gas production, from the Dakota in the Cisco Dome Field during the 1920's. However, the Cabeen #3-1 well about one mile away is in the same fault block; but this well is a producing gas well and is completed in a sand in the Brushy Basin section of the Morrison formation which was not present in the subject well. Likewise the channel sand at the base of the Dakota formation which was present in the subject well was not present in the Cabeen well.

The subject well was drilled to a depth of 3287' which was about 50 ft. below the top of the Salt Wash member of the Morrison formation. The well was not drilled to the proposed depth of 50 ft. below the top of the Entrada formation due to loss-circulation

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Willard Pease Oil & Gas Co. Fed. Anschutz CC #1	2103' FEL, 537' FSL (SW $\frac{1}{4}$ SE $\frac{1}{4}$) sec. 3, T. 20 S., R. 21 E., SLM, Grand Co. Gr.El. 5695'	U-11620
<p>1. Stratigraphy and Potential Oil and Gas Horizons. Gravel benches may overlie Mancos Shale at this location. The Dakota, Cedar Mountain, and Morrison Formations will be tested for oil and gas. Toledo Mining Co. #1 Bull Canyon (Gr.El. 5967') in nearby sec. 4, same township, reported the following tops: Dakota-3270', Cedar Mtn.-3386', Morrison-3454', Salt Wash-3644', Summerville-3954', Entrada-4044'.</p> <p>2. Fresh Water Sands. Near surface (500⁺) lenticular sands of the Mancos may contain usable water. If present, gravel capped benches could contain fresh water at gravel-shale bedrock contact.</p> <p>3. Other Mineral Bearing Formations. Land is considered valuable prospectively for (Coal, Oil Shale, Potash, Etc.) coal, however, at this location the well will spud in Mancos Shale which is stratigraphically lower than coal bearing Mesaverde rocks. The Dakota Fm. probably contains marginal coal at best.</p> <p>4. Possible Lost Circulation Zones. Toledo Mining Co. #1 (Bull Canyon) in sec. 4, same township, reported lost circulation at 95', 800', 1628', and 1815'. The ground elevation of this well was 5967'.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers encountered.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.</p> <p>8. Additional Logs or Samples Needed. None.</p> <p>9. References and Remarks Within 2 mile radius of Cisco Dome KGS. Excellent report found in well folder, U-15104 Toledo Mining Co. #1. USGS Bull. 852, Fisher, 1936.</p>		

Date: August 9, 1976

Signed: *Ronald E. Gunnerson*
State Oil & Gas

UTAH STATE G-G-M

Lease

U - 11620

Well No. & Location

Inschutz ec #1 sec 3-20s-21E

Grand County Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- 1) Willard Pease Oil & Gas Company proposes to drill a wildcat gas test well w/ rotary tools to approx 3450'
- 2) proposes to construct a drill pad 250' x 200' and to construct a reserve pit 150' x 60' x 4' deep.
- 3) to construct approx 50' of new access road and approx 2 miles of the existing road will need to be upgraded. the remaining 12 miles of existing road will need no work.

2. Location and Natural Setting (existing environmental situation)

The well site falls at the base of the rock cliffs. It would require a 16' cut to give the location the proposed size.

The vegetation is primarily sagebrush, sparse native grasses. The top soil is apparently very shallow.

The wildlife is the usual deer, antelope, assorted small game, predators and birds. There are no known endangered species.

There are no known ~~archaeological~~ historical sites that would be affected and no evidence of archeological sites was noted.

3. Effects on Environment by Proposed Action (potential impact)

the churning and complication of a dry hole or failure would have moderate effect because of the large cut required on the north side of the location. Discovery of a gas deposit would ~~not~~ have ~~any~~ ~~effect~~ moderate effect in that the cut will still exist. The rest of the location will have little effect on the environment.

The improvement of the roads would benefit the grazing and recreation use of the land in that it would be more ~~is~~ accessible. There would be moderate scarring of the area that would require 2 to 5 years and the large cut would never completely rehab.

The churning and associated traffic would add a minor amount of pollution to the air as temporarily disturbing livestock and wildlife.

There would also be potential for minor induced & accelerated erosion due to surface disturbance & support traffic use.

4. Alternatives to the Proposed Action

Not approving the proposed permit.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. Therefore the location was moved approx 35' SW to ~~minimize~~ large cut on the north side of location.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of livestock and wildlife.

Temporary mess due to drilling activity and requiring about 2 to 3 years to rehab. Large dirt on north of location will be minimized ~~by~~ by moving back 35' SW.

There would be minor air pollution due to rig engines & support traffic.

There would be potential for minor induced & acceleratal erosion due to surface disturbance for access road & drill site and support traffic use.

6. Determination

(This requested action (does) (does Not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c)).

Date Inspected

8-10-76

U. S. Geological Survey



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Utah State
Form approved.
Budget Bureau No. 42-R355.5

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

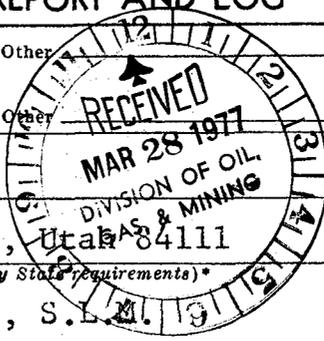
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

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

2. NAME OF OPERATOR
Willard Pease Drilling Company

3. ADDRESS OF OPERATOR
570 Kennecott Bldg., Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **SW.SE.Sec.3, T.20 S., R.21 E., S.L.M.**
At top prod. interval reported below
At total depth **2103' from E-line & 537' from S-line**



5. LEASE DESIGNATION AND SERIAL NO.

U-11620

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.

Anschutz CC#1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW.SE.SEC.3-20S-21E S.L.M.

12. COUNTY OR PARISH
Grand

13. STATE
Utah

15. DATE SPUNDED **1-29-'77** 16. DATE T.D. REACHED **2-4-'77** 17. DATE COMPL. (Ready to prod.) **2-10-'77** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **5695' grd; 5706' K.B.** 19. ELEV. CASINGHEAD **5697'**

20. TOTAL DEPTH, MD & TVD **3287'** 21. PLUG, BACK T.D., MD & TVD **3059'** 22. IF MULTIPLE COMPL., HOW MANY* **one** 23. INTERVALS DRILLED BY ROTARY TOOLS **10'-3287'** CABLE TOOLS **none**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2950-2980' Dakota

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction-electrical; Gamma-Density-Compensated Neutron

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"	32#	150'	12 1/4"	110 sks.	none
4 1/2"	10.50#	3059'	7 7/8"	125 sks.	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
none				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2990'	none

31. PERFORATION RECORD (Interval, size and number)
**2950-2968' (18 shots)
2972'-2979' (7 shots)**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
none	

33.* PRODUCTION

DATE FIRST PRODUCTION **Feb. 8, '77** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **air lift** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Feb 8-9	12 hrs.	none		250 bbls. Min.		none	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
none	50#		110 bbls.	T.S.T.M.	none	38

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Gas enough to run pump jack** TEST WITNESSED BY **W. Don Quigley**

35. LIST OF ATTACHMENTS
Drilling History & Geologic Report

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

SIGNED *W. Don Quigley* TITLE **Consulting Geologist** DATE **Mar. 21, '977**

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

DRILLING HISTORY

AND

GEOLOGIC REPORT

ON

WILLARD PEASE OIL & GAS CO.
ANSCHUTZ #1 CC WELL
GRAND COUNTY, UTAH

By

W. Don Quigley
Consulting Geologist
Salt Lake City, Utah

March 21, 1977

Drilling History

- Jan. 28: Moving in and rigging up.
- Jan. 29: Finished rigging up. Drilled mouse hole. Drilled rat hole at 5:30 P.M. Drilled 12 $\frac{1}{4}$ " hole from 0' to 103'.
- Jan. 30: Drilled 103' to 797' (694'). Finished drilling surface hole (12 $\frac{1}{4}$ "") to 150'. Ran 4 jts of 8 5/8", 32#, K-55 casing; landed at 150' K.B.; and cemented with 110 sacks of type G cement with 3% Cacl. Plug down at 6 A.M. Waiting on cement. Nippled up. Set blowout preventer on casing head and tested to 1000#. Installed rotating head on top of B.O.P. Began drilling ahead at 4 P.M. with 7 7/8" bit using air for circulation.
- Jan. 31: Drilled 797' to 2296' (1499'). Made rd-trip at 1108' for new bit. Bit #3 (RR-Reed-Y13J) made 968' (150' to 1108') in 12 hrs. Drilled at avg. rate of 81' per hr. Made rd-trip at 2014' for new bit. Bit #4 (RR-Reed-Y13J) made 906' (1108' to 2014') in 10 hrs. Drilled at avg. rate of 90'/hr.
- Feb. 1: Drilled 2296' to 3011' (715'). Hole got wet at 2890' and quit dusting, so converted to air-mist with soap and water. Encountered gas at 2905'. Estimated about 1.8 million cubic ft/day. Estimate top of Dakota at 2830'. Had very fine grained ss with bent. Had more sand at 2850-70' which was c.g. and had good odor, fluorescence and cut, but was very bentonitic and silty. Had a big gas and oil flow at 2950'. Big fire. Had to kill flow with mud. Mixed mud. Lost circulation and had to mix more mud with L.C.M. Est. top of Cedar Mountain at 2980'.
- Feb. 2: Drilled 3011' to 3127' (116'). Drilling with mud at rate of 5' to 6' per hour. Est. top of Morrison at 3020'. Had reverse drilling break and red shale.

- Feb. 3: Drilled 3127' to 3233' (106'). Drilling slow at 4' to 6' per hour in varicolored siltstone, shale, and white quartzitic sand. Lost circulation again and had to mix mud and L.C.M.
- Feb. 4: Drilled 3233' to 3287' (54'). Lost circulation. Mixed 3 pits of mud and L.C.M. and didn't get returns. Converted to aerated mud and drilled ahead. Well got real wild. Blew out lots of gas and oil with mud. Tried several times to get a balance without success. Decided to kill gas and oil flow with very thick mud and L.C.M. Got circulation again for about 20 minutes and then lost it again. Decided to cease drilling and log hole at this point. So mixed more mud and filled hole on the outside of the drill pipe. Called Schlumberger to log hole. Came out of hole with drill pipe.
- Feb. 5: Waited on logging truck till 7 A.M. Ran Induction-Electric log and a gamma-density-compensated neutron log. Finished logging at noon. Laid down drill collars. Laid down drill pipe. Ran 79 jts of 10.50#, 4½", K-55 casing with shoe and insert collar on bottom and a centralizer on every other collar for 10 joints (5 centralizers). Landed casing at 3069' and cemented with 125 sacks of Thixotropic cement. Plug down at 10 P.M.
- Feb. 6: Waiting on cement. Removed blowout preventer and rotating head. Cut off 4½" casing and welded 8 5/8" surface casing to 4½" casing. Welded on tubing head. Cleaned and painted rig.
- Feb. 7: Worked on rig. Picked up tubing (2 3/8" O.D.) and ran it into hole to about 3000'. Came back out of hole, standing tubing in derrick. Rigged up Schlumberger to run cement bond and correlation log.
- Feb. 8: Finished logging at 0530 hrs. Found cement top at 2475'. Had excellent bond from bottom of casing up to 2475' (3069' to 2475'). Perforated oil zone 2948'

to 2980' as follows:

2950' to 2968' with 1 sh./ft. (18 shots)
2972' to 2979' with 1 sh./ft. (7 shots)

Rigged Schlumberger down and went in hole with tubing with seating nipple, perforated joint, and mud anchor on bottom. Landed seating nipple at 2990'. Waited on tanks to arrive at location. Placed tanks on pad. Rigged up flow line from well to tanks. Started compressors to unload hole. Blew water out of hole and well started to unload oil. Turned flow line into tanks and well began to flow. Flowed about 250 bbls. of oil during the night, with occasional help from the compressors when it would die temporarily.

- Feb. 9: Flowing well into tanks, with occasional help from the compressors. Decided well would not flow continuously and would need rods, pump, and pump jack.
- Feb. 10: Ran in rods, pump, and installed stuffing box and flow lines on tubing head.
- Feb. 11: Rigged down.
- Feb. 18-21: Rigged up pump jack, motor, and flow lines. Buried flow lines. Rigged up gas line to motor from casing head. Well began pumping at rate of 110 bbls of oil per day.

GEOLOGIC REPORT
ON
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ #1 CC WELL
GRAND COUNTY, UTAH

Introduction

The Willard Pease Oil & Gas Co. Anschutz #1 CC well was located on a geophysical anomaly on the northwest plunging flank of the Cisco Dome structure. The axis of the Cisco Dome structure trends northwest-southeast, and the geophysical anomaly is a northwest plunging nose closed against a northeast trending fault. The well was located about one mile north of a producing gas well. The gas well, Cabeen #3-1, in the NW. SE. of Sec. 10 - 20S - 21E was drilled in 1958 and completed in the Morrison formation for an initial flow rate of 8,500 MCF of gas per day. This well has produced about 385 million cubic feet of gas to date, and produces about 2,640 MCF of gas monthly at the present time.

The subject well was completed on Feb. 10, 1977 for an initial production rate of 110 bbls of oil per day from a basal Dakota sand at 2948' to 2980'. This is the first major oil production from the Dakota formation in the area. The reservoir is a channel sand which has been deposited in a channel cut down into the underlying Cedar Mountain formation.

Subject well was drilled to a depth of 3287' in six days and was completed in about 5 days. The hole was bottomed in the top of the Salt Wash section of the Morrison formation. It was intended to drill the well to a depth which was 50 ft. below the top of the Entrada formation; but loss circulation problems and the active nature of the oil zone prevented reaching this depth. The drilling was ceased when it became apparent that further operations could seriously impair and damage the production zone.

Drilling History

A complete daily drilling history of the subject well is itemized in the first part of this report. The upper part of the hole, 0' to 2890', was drilled with air for circulation. The hole got wet at this point and it was necessary to convert to air-mist using water-soap-air for circulation. At 2905' gas was encountered and flared with a 25-ft. flare. Estimated a gas flow rate of about 1,800 MCF per day. At 2940' the well blew-out and had a big flow of oil; so had to kill the well with mud. Lost circulation and had to mix more mud and loss-circulation material to control the well and get circulation. Mud was then used to drill the well from 2975' to 3233' when circulation was lost again. Three pits of mud, 450 bbls, and loss-circulation material were mixed and still didn't get returns. It was felt that if the production zone was taking the mud, further loss could damage the zone beyond recovery; so the system was converted to aerated mud. The hole was drilled from 3233' to 3287' using this system; but the well became so wild and would blow oil and gas violently at times, making the operation very dangerous, so drilling was ceased at this depth and arrangements were made to log the hole and complete the well at this depth.

Stratigraphy and Hydrocarbon Shows

The rocks at the surface of the subject well location are dark grey shales, siltstones, and thin sandstone beds belonging to the upper Mancos formation. The Mancos sediments were drilled from surface to 2840' and were mostly dark-grey, calcareous, marine shales with some siltstone and very-fine-grained sandstones. The cuttings began showing evidence of oil stain and cut at 2560' and had more or less continuous shows down to 2800'. The electric logs show some good potential oil zones in this section which could be productive.

The top of the Dakota formation was reached at 2840'. The upper part of the Dakota was silty and tight, with some thin fine-grained to coarse grained sandstones which had good fluorescence

and good cut. At 2880' to 2887', a coarse-grained, rounded, loose sand was encountered which appeared to be wet but the cuttings had scattered fluorescence. Calculations from the logs show about 18% porosity and about 88% water saturation in this zone.

A good flow of natural gas (est. 1800 MCFGPD) was obtained from a sand at 2902' to 2910'. This was a coarse-grained, rounded, friable sand with scattered fluorescence. Log calculations suggest a porosity of 13% and a water saturation of 65%.

Since the well blew-out and had to be killed at 2940' to 2980', no samples of the cuttings were obtained. However, the logs indicate a good sand from 2948' to 2980' which has an average porosity of about 15% and an average water saturation of about 50%. This is the obvious production zone. It appears to be a channel sand which has been deposited in a channel incised into the underlying Cedar Mountain sediments.

The Cedar Mountain in the subject well, because of the erosion and unconformity at the top was quite thin - only 36 ft. thick. The top of the formation was at 2980' and the bottom at 3016'; and the sediments consisted of green, black, and light-grey shale, milky quartz fragments, and chert, with some very-fine-grained tight sandstone. There were no hydrocarbon shows in this section.

The Morrison formation was topped at 3016'. The sediments were mostly red and brn. siltstone and shale, with some green and grey shale and thin beds of white to clear, quartzitic, very-fine-grained sandstone. There were no good sand lenses in the Brushy Basin section and no hydrocarbon shows. It appears from the samples that the top of the Salt Wash section was encountered at about 3240'. This was a very tight sandstone (Porosity about 8%) which did not have any obvious shows, but all of the cuttings at this point were completely saturated with oil due to the oil coming into the hole from the Dakota section.

A detailed sample log of the cuttings from 2470' to total depth is attached hereto. The various formations with their tops, thicknesses, and datum points which were encountered in the subject well as determined from the electric logs are as follows:

DRILLING HISTORY
AND
GEOLOGIC REPORT
ON
WILLARD PEASE OIL & GAS CO.
ANSCHUTZ CC #1 WELL
GRAND COUNTY, UTAH

Operator: Willard Pease Oil & Gas Co.
570 Kennecott Bldg., Salt Lake City, Utah 84111

Contractor: Willard Pease Drlg. Co.
P.O. Box 548, Grand Junction, Colo. 81501

Location: SW. SE. Sec. 3, T 20 S., R 21 E., S.L.M., Grand
County, Utah (2103' from E-line and 537' from S-line)

Elevation: 5695' grd; 5706' K.B.

Surface Casing: 150 ft., 4 jts. of 8 5/8", 32#, K-55, casing
landed at 150' K.B. and cemented w/110 sks, type G
cement w/3% Cacl.

Spudded-in: Jan. 29, 1977

Finished Drilling: Feb. 4, 1977

Total Depth: 3287'

Production Casing: 4½", 10.50#, K-55, casing, landed at 3069'
K.B. and cemented with 125 sks Thixotropic cement.

E-logs: Induction electrical; Gamma-Density-Compensated
Neutron log.

Production Formation and Zone: Dakota 2902' to 2910' and 2950'
to 2980'.

Completed: Feb. 10, 1977

Initial Production Rate: Pumping 110 bbl. oil per day.

problems and to the active nature of the oil-pay zone.

The well is actually capable of producing both gas and oil from the Dakota formation. However, only the oil zone from 2948' to 2980' was completed. The well had an initial production rate of 110 bbls of oil per day without any water. The gas zone at 2902' to 2910' can be perforated and completed at some later date. The producing oil sand is a channel sand of unknown average thickness and areal extent. The average porosity at the well bore is 15%. Because of the unknowns, it is very difficult to estimate recoverable reserves with any degree of accuracy. Roughly one could anticipate a possible 50,000 to 100,000 barrels of recoverable oil from the subject well. This is a wide spread but there are not sufficient data to permit a more precise figure. Additional wells will have to be drilled in the area to provide more precise data.

W. Don Quigley
W. Don Quigley
Consulting Geologist
AAPG Cert. #1296
APGS Cert. #3038

Head Hill - University CC#1
 SW, SE, Sec. 3 = 205-21
 Elev. 5695' gnd; 5706' R.B.

2000
 10 20

2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 -Kd
 2900
 Mudded
 UP →
 3000



DK. gny. to blk. calc. mica sh. w/ some wh. calc. spots
 DK. gny. to blk. calc. sh. sity mica sh. w/ some calc.
 *DK. gny. sdy sh. & vfg. sl. calc. dk. gny. ss. w/oil st. & good cut
 Blk. sl. calc. dng. sh.
 *DK. gny. vfg. calc. ss. & gny. sity sh. - non calc. oil. st. & cut.
 DK. gny. sity sh.
 + gny. vfg. dnty ss. w/oil st. & cut w/ pyri.
 *DK. gny. sity sh. & gny. vfg. dnty ss. w/oil st. & cut
 DK. gny. sity sh.
 *DK. gny. v. calc. sity sh. w/ oil st. & cut
 DK. gny. calc. bent. sh. w/ mica
 Lt. gny. IVAN - calc. - gnnish sh.
 Lt. gny. to r. tan. vfg. v. bent. ss. w/ sub-nd'd gns
 Lt. gny. bent. sity sh.
 *Lt. gny. fg. bent. nd'd ss. w/ bright blue flon. w/ good cut - gas sd.
 **Lt. tan. calc. Add bent. ss. - loose
 *Lt. gny. bent. sh.
 *Cln. g. nd'd gtz. base. ss. - waten? - scat. flon.
 *Green & blk. sh. w/ c. g. c. gtz. ss. (nd'd gns) scat. flon.
 NO SAMPLE
 *Green. dng. glauc. sh.; some pur. sh.
 **NO samples. - c. g. gas. blew out. - big flow of oil - shut off air.
 ***Gnn. gny. & blk. sh. lots of milky gtz. frag. & ch. & r. blk. vfg. gtz. ss.
 Rd. & blk. sh. & sity; gnn. & gny. sh. + ch. & gtz.

KEUFFEL & ESSER CO

60 →
 Jm

3000

3100

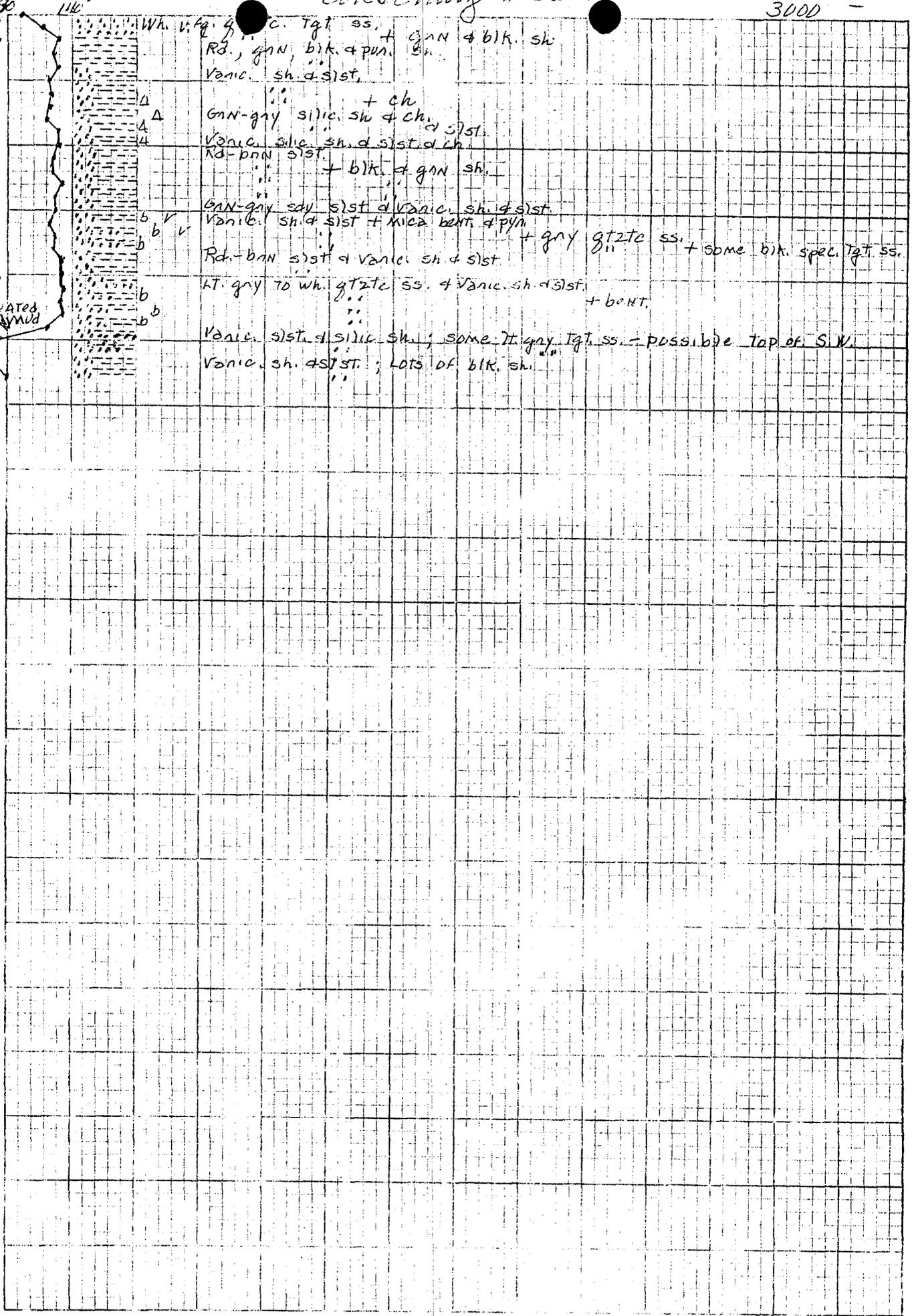
3200

3300

3400

3500

3600



Wh. v. f. c. Tgt. ss. + gnn & blk. sh.
 Rd., gnn, blk. & pur. sh.
 Vanic. sh. & silt.

+ ch
 Gnn-gry silic. sh. & ch. & silt.
 Vanic. silic. sh. & silt. & ch.
 Rd. bnn silt. + blk. & gnn sh.

Gnn-gry sdy silt & vanic. sh. & silt.
 Vanic. sh. & silt + mica bent. & pyri + gry gtzic ss. + some blk. spec. Tgt. ss.
 Rd. bnn silt & vanic. sh. & silt.

Lt. gry to wh. gtzic ss. & vanic. sh. & silt. + bent.

Vanic. silt. & silic. sh.; some lt. gry. Tgt. ss. - possible top of S.W.
 Vanic. sh. & silt.; lots of blk. sh.

Aerated mud

CIRCULATE TO:

- DIRECTOR -----
- PETROLEUM ENGINEER -----
- MINE COORDINATOR -----
- ADMINISTRATIVE ASSISTANT -----
- ALL -----

RETURN TO Kathy D.
FOR FILING

August 18, 1977

Memo To File

Re: Willard Pease
Calf Canyon #1
SWSWSE Sec. 23
T20S R21E
Grand County

This well has been completed as an Entrada Oil producer.
The current rate is 70-75 BOPD and no water.

The general area is in good condition, and the surface
equipment, albeit used, is quite clean and performing satisfac-
tory.



PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/hgb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-11620

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

CC #1 (CALF CANYON)

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SW SE Sec 3 T20S R21E SIM

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1. OIL WELL GAS WELL OTHER SURFACE RESTORATION

2. NAME OF OPERATOR
WILLARD PEASE OIL & GAS CO.

3. ADDRESS OF OPERATOR
570 Kennecott Bldg., SLC, UT 84133

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW SE Sec 3 T20S R21 E SIM
2103' from EL & 537' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5695' GR 5706' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) SURFACE RESTORATION

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

9/12/79: Built burn pit & put fence around pit.

12-28-79: Motor shed for pump.

2/1/80: Graded road to well.

1-16/80; 1-24-80; and 3-6-80: Graded roads, worked on washout and location.

BLM in Moab, Utah notified.

RECEIVED
APR 22 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED

Mrs. R. Rhodes

TITLE

Ass't Sec.

DATE

4/18/80

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

cc: State of Utah

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
CC #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
SW SE Sec 3 T20S R21E S1M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

1.

OIL WELL GAS WELL OTHER

Facility maintenance

2. NAME OF OPERATOR

Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR

570 Kennecott Building, SLC, UT 84133

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
(See also space 17 below.)
At surface

SW SE Sec 3 T20S R21E S1M
2103' from EL & 537' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5695' 5706' KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Facility maintenance

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

On or about August 15, 1980 well designation sign installed and
box and lock installed.

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

SIGNED Mrs. Lu Rhodes

TITLE

Ass't Sec

DATE

9/26/80

(This space for Federal or State office use)

APPROVED BY _____

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM, Moab, Utah
State of Utah

*See Instructions on Reverse Side

RECEIVED

MAY 08 1985

3160 (H-068)
U-5675
U-11620

Moab District
Grand Resource Area
P.O. Box 11
Moab, Utah 84532

DIVISION OF OIL
& GAS & MINING

MAY 6 1985

Mr. Lewis H. Larsen
Valley Park Ranch
Divide, CO 80814

Re: Oil Production on Federal Leases:
U-5675 and U-11620, Grand County, Utah

Dear Mr. Larsen:

In response to your request of March 18, 1985 the oil production and sales records of the above referenced leases were reviewed. A summary of the 1984 sales are shown below:

Oil Sales Per Month In BBLs

205,218.3

U-5675 - Calf Canyon #4 & 5

U-11620 - Calf Canyon #1

Jan.	488	-0-
Feb.	399	533
Mar.	220	821
Apr.	647	835
May	386	1052
Jun.	416	806
Jul.	387	680
Aug.	378	399
Sep.	307	529
Oct.	408	818
Nov.	214	259
Dec.	284	1004
TOTAL	4534	8236

These sales figures correlate from Bureau of Land Management Royalty Management and Utah State Division of Oil, Gas, and Mining reports. Currently it does not appear that there is any non-compliance with federal regulations on these two leases in light of reporting vs. actual sales or production on these two leases.

I hope this clears up any questions you might have. If you have any further questions or comments, please feel free to contact myself or my staff at (301)259-8193.

Sincerely yours,

/s/ Colin P. Christensen

Colin P. Christensen
Area Manager

cc: U-065
U-920
Royalty Management, MIS
Utah State DOOM

PBrown:dl:5-3-85:Wang 144A

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PEASE, WILLARD O&G CO
 PO BOX 1874
 GRAND JUNCTION CO 81502

UTAH ACCOUNT NUMBER: N1080

REPORT PERIOD (MONTH/YEAR): 2 / 94

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
A.W. CULLEN GOVT #1								
4301916029	02480	20S 23E 15	MRSN			U-08112		
CALF CANYON #5								
4301930393	02490	20S 21E 11	DK-CM			Half Cyn. Unit	U-5675	(non unit well)
WESTWATER M-10								
4301930275	02495	17S 24E 6	DKTA			U-13666		
BAR CREEK #1								
4301930335	02505	17S 26E 19	MRSN			Bar Creek Unit	U-16923	
CALF CANYON #1								
4301930298	02510	20S 21E 3	DKTA			Half Cyn. Unit	U-11620	
CALF CANYON FEDERAL #10								
4301931203	02510	20S 21E 3	DKTA			"	"	
CALF CANYON #4								
4301930392	02515	20S 21E 11	DKTA			"	U-5675	
FEDERAL #4								
4301930188	02520	20S 23E 14	MRSN			U-0147904		
GISGO SPRINGS FED 12								
4301930233	02525	20S 23E 14	DKTA			U-0148171		(3/94 to PA eff. 7-10-92)
COWBOY #1								
4303730012	02530	39S 22E 14	ISMY			U-0145834		
COWBOY 4								
4303730037	02530	39S 22E 14	ISMY			"		
COWBOY #5								
4303730062	02530	39S 22E 14	ISMY			"		
COWBOY 7								
4303730325	02530	39S 22E 23	ISMY			"		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

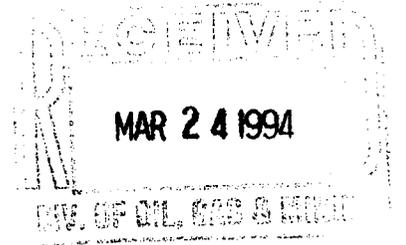
Name and Signature: _____

Telephone Number: _____



DENVER REGIONAL OFFICE: 633 17th Street, Suite 1500 Denver, CO 80202 (303) 292-1226 Fax: (303) 292-1502

March 21, 1994



Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180

N1080

Re: Change of Name from Willard Pease Oil and Gas Company
to Pease Oil and Gas Company.

To Whom it May Concern:

Enclosed please find a copy of documents issued by the Colorado Secretary of State's Office evidencing a name change from Willard Pease Oil and Gas Company to Pease Oil and Gas Company. Please reflect this change in your records.

If you have any questions or need additional information please contact the undersigned.

Sincerely,

PEASE OIL AND GAS COMPANY


Laura Skaer
General Counsel

LS:gb

Enclosure

UtahDiv.OGM

This document must be typewritten.

FR 891100133

CERTIFICATE OF ASSUMED OR TRADE NAME

931135974 \$10.00
595 12-08-93 16:35

Willard Pease Oil and Gas Company NC gr a corporation,
limited partnership or limited liability company under the laws of Nevada

being desirous of transacting a portion of its business under an assumed or trade name as permitted by 7-71-101, Colorado Revised Statutes hereby certifies:

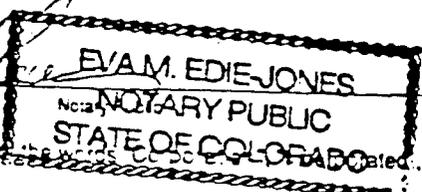
1. The location of its principal office is: 2135 E. Main, P.O. Box 1874 Grand Junction, CO 81502
2. The name, other than its own, under which business is carried on is (Note 1): Pease Oil and Gas Company, Inc.
3. A brief description of the kind of business transacted under such assumed or trade name is: oil and gas exploration

Limited Partnerships or Limited Liabilities Companies complete this section	Corporations complete this section
<p>In <u>IN WITNESS WHEREOF, the undersigned general partner or manager of said limited partnership or limited liability company has this day executed this certificate</u> _____ 19 _____ (Note 2)</p> <p>by _____ (Note 3) Title, General Partner or Manager</p> <p>_____ (Note 3) Title, General Partner or Manager</p>	<p>IN WITNESS WHEREOF, the undersigned officers of said corporation have this day executed this certificate <u>December 1</u> 19<u>93</u> <u>WILLARD PEASE OIL AND GAS COMPANY</u> (Note 2)</p> <p>by <u>Willard Pease, Jr.</u> (Note 3) its <u>X</u> President</p> <p>Attest: <u>Lily Roeland</u> its <u>X</u> Secretary</p>

STATE OF COLORADO
COUNTY OF Montezuma SS.

Acknowledged before me this 1st day of Dec 1993
by Willard H. Pease, Jr., as President, and Lily Roeland as Secretary, of Willard Pease Oil and Gas Company (insert name(s) as signed above. title(s).)

In witness whereof I have hereunto set my hand and seal
My commission expires 7/7/97



Note 1: Any assumed name used by any corporation shall contain one of the words "Corporation", "Limited", or one of the abbreviations "Corp.", "Inc.", or "Ltd."
Any assumed name used by any limited partnership shall contain one of the words "Limited Partnership", "Limited", or "Company" or one of the abbreviations "L.P.", "Ltd.", or "Co."
Any assumed name used by a Limited Liability Company must contain the words Limited Liability Company. The words Limited and Company may be abbreviated as Ltd. and Co., but the word Liability cannot be abbreviated.

Note 2: Exact name of corporation, limited partnership or limited liability company making the statement.

Note 3: Signature and title of officers signing (for the corporation, must be president or vice president; and secretary or assistant secretary, for a limited partnership must be general partner for a limited liability company must be a manager.)

CERTIFICATE OF BUSINESS: FICTITIOUS FIRM NAME

FILED

THE UNDERSIGNED does hereby certify that it is 93 DEC 13 12 06
conducting a oil and gas exploration
c/o The Corporation Trust Company of Nevada, One E. First St., Reno, Nevada,
under the fictitious firm name of Pease Oil and Gas Company

Business at
DEPUTY

and that said firm is composed of the following person whose name and address as follows, to-wit:

Willard Pease Oil and Gas Company
2135 E. Main
Grand Junction, CO 81501
Willard H. Pease, Jr., President

WITNESS my hand this 1st day of December, 1993.

WILLARD PEASE OIL AND GAS COMPANY,
a Nevada corporation

By: Willard H. Pease, Jr.
Willard H. Pease, Jr.
President

STATE OF COLO)
COUNTY OF MESE) ss.

On this 1ST day of December A.D. 1993 personally appeared before me, a Notary Public,
Willard H. Pease, Jr., the President of Willard Pease Oil and
Gas Company

who acknowledged that he executed the above instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official stamp at my office in the
County of Mesa the day and year in this certificate first above written.

Eva M. Edie Jones 9/23/97
Signature of Notary
EVA M. EDIE-JONES
NOTARY PUBLIC
STATE OF COLORADO

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS: *CALF CANYON UNIT/SAME PARTICIPATING AREA/SAME DIVISION OF INTEREST.											
D	2510	11666	43-019-30298 43-019-31203	CALF CANYON #1 CALF CANYON FED #10		3 3	20S 20S	21E 21E	GRAND GRAND		12-1-93
WELL 2 COMMENTS:											
D	2515	11666	43-019-30392	CALF CANYON #4		11	20S	21E	GRAND		12-1-93
WELL 3 COMMENTS:											
D	9820	11666	43-019-31168 43-019-31197	CALF CANYON #7 CALF CANYON #8		3 3	20S 20S	21E 21E	GRAND GRAND		12-1-93
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

de
L. CORDOVA (DOGM)

 Signature
ADMIN. ANALYST **9-9-94**

 Title Date
 Phone No. () _____

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-08112 et al
(UT-920)

AUG 30 1991

DECISION

Pease Oil & Gas Company :
P. O. Box 1874 : Oil and Gas
Grand Junction, Colorado 81502 : U-08112 et al

Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the change of name of Willard Pease Oil and Gas Company to Pease Oil and Gas Company on Federal oil and gas leases.

The following oil and gas leases have been noted to reflect the name change.

U-08112	U-0128115	U-0145834
U-0146802	U-0147904	U-0149773
U-0149777	U-1506	U-5675
U-6791	U-11620	U-13666
U-14970	U-16923	U-24185
U-30291A	U-64882	UTU-67867
UTU-72600	UTU-72601	

Due to the name change, the name of the principal on the bond is required to be changed from Willard Pease Oil and Gas Company to Pease Oil and Gas Company on Bond No, 400 DX 0202 (BLM Bond No. UT0073). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

cc: St. Paul Fire & Marine Insurance Co.
385 Washington Street
St. Paul, Minnesota 55102

bc: Vernal District Office
Moab District Office
MMS-Royalty Management Program (Attn: Richard Richards)
UT-920 (Attn: Dianne Wright)
UT-922 (Attn: Teresa Thompson)

Decim
Brad Greenback, 11062

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *sup*

1-LEC 7-SJ	<input checked="" type="checkbox"/>
2-DT/B-FILE	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-LEC <i>sup</i>	<input checked="" type="checkbox"/>
6-PL	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-01-93)

TO (new operator)	<u>PEASE OIL & GAS COMPANY</u>	FROM (former operator)	<u>PEASE, WILLARD O&G CO.</u>
(address)	<u>PO BOX 1874</u>	(address)	<u>PO BOX 1874</u>
	<u>GRAND JUNCTION CO 81502</u>		<u>GRAND JUNCTION CO 81502</u>
	<u>LAURA SKAER/303-292-1226</u>		<u>LAURA SKAER/DENVER</u>
phone ()		phone (303)	<u>292-1226</u>
account no.	<u>N 1080</u>	account no.	<u>N1080</u>

Well(s) (attach additional page if needed):

Name: *SEE ATTACHED**	API: <u>019-30298</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*rec'd 3-24-94*)
- lec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 0052893. (*Hum chg aprv. 8-8-94*)
- lec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*9-9-94*)
- sup* 6. Cardex file has been updated for each well listed above. *9-12 & 9-13-94*
- sup* 7. Well file labels have been updated for each well listed above. *9-13-94*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*9-9-94*)
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) yes (If entity assignments were changed, attach copies of Form 6, Entity Action Form). *Half Canyon Unit*
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *DCS 9/14/94*
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: September 29 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940907 B/m/sy. Appr. 8-30-94.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS

PEASE OIL & GAS COMPANY
PO BOX 60219
GRAND JUNCTION, CO 81506

UTAH ACCOUNT NUMBER: N1080

REPORT PERIOD (MONTH/YEAR): 7 / 1999

AMENDED REPORT (Highlight Changes)

WELL NAME			Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
API Number	Entity	Location					OIL (BBL)	GAS (MCF)	WATER (BBL)
FEDERAL 15-1									
4301930585	11391	20S 21E 15	DKTA		GW		U-2140A	apprv 12.16.99	EFF 4.1.98
FEDERAL 25-2									
4301930587	11392	20S 21E 25	ENRD		OW		U-2139A	apprv 12.16.99	EFF 4.1.98
FEDERAL 23-1									
4301930355	11393	20S 21E 23	DK-MR		GW		U-2139A	apprv 12.16.99	EFF 4.1.98
FEDERAL 25-1									
4301930359	11394	20S 21E 25	MRSN		GW		U-2139A	apprv 12.16.99	EFF 4.1.98
FEDERAL 24-3									
4301930432	11395	20S 21E 24	DKTA		GW		U-2139A	apprv 12.16.99	EFF 4.1.98
FEDERAL 31-3									
4301930428	11603	20S 22E 31	DKTA		GW				
CALF CANYON #1									
4301930298	11666	20S 21E 03	DKTA		OW		U-11620	Calb Canyon unit	apprv 8.9.99
FEDERAL 675-1									
4301930376	11666	20S 21E 10	DKTA		OW		U-5675	Calb Canyon unit	" "
FEDERAL 675 #4									
4301931187	11666	20S 21E 10	CDMTN		OW		"	Calb Canyon unit	" "
FEDERAL 675 #5									
4301931199	11666	20S 21E 10	CDMTN		OW		"	Calb Canyon unit	" "
CALF CANYON FEDERAL #10									
4301931203	11666	20S 21E 03	DKTA		OW		U-11620	Calb Canyon unit	" "
FEDERAL 675-6									
4301931208	11666	20S 21E 09	CDMTN		OW		U-5675	Calb Canyon unit	" "

TOTALS

--	--	--

COMMENTS : _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

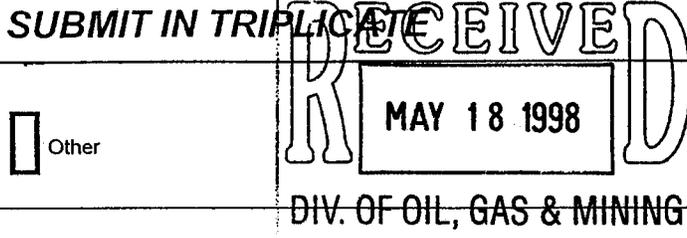
7. If Unit or CA, Agreement Designation
U-70813A

8. Well Name and No.
See Exhibit "A" Attached

9. API Well No.
See Exhibit "A" Attached

10. Field and Pool, or Exploratory Area
Calf Canyon

11. County or Parish, State
Grand County, Utah



1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Burkhalter Engineering, Inc.

3. Address and Telephone No.

P.O. Box 60095 Grand Junction, CO 81506 (970) 245-5917

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

See Exhibit "A" Attached

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1998, Burkhalter Engineering became the operator of the wells listed on Exhibit "A" attached. Burkhalter Engineering is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM Bond No. UT1097

Willard Pease Jr.
Pease Oil and Gas Company

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

Signed J. H. Burkhalter

Title Pres

Date May 4, 1998

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

EXHIBIT "A" TO SUNDRY NOTICE
U-70813A

<u>WELL NAME & NO.</u>	<u>API NO.</u>	<u>1/4 1/4</u>	<u>SEC.</u>	<u>TWP.</u>	<u>RNG.</u>
Calf Canyon #1	43-019-30298	SWSE	3	20S	21E
Calf Canyon #7	43-019-31168	SESW	3	20S	21E (w/w)
Calf Canyon #10	43-019-31203	SESE	3	20S	21E
Calf Canyon #11	43-019-31209	SWSW	3	20S	21E (w/w)
Federal 675-1	43-019-30376	NENW	10	20S	21E
Federal 675-4	43-019-31187	NENW	10	20S	21E
Federal 675-5	43-019-31199	NWNW	10	20S	21E
Federal 675-6	43-019-31208	NENE	9	20S	21E

-END-



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-931

August 5, 1999

Burkhalter Engineering, Inc.
P.O. Box 60095
Grand Junction, Colorado 81506

Re: Successor of Operator
Calf Canyon
Grand County, Utah

Gentlemen:

On July 26, 1999, we received an indenture dated July 12, 1999, whereby Pease Oil and Gas Company resigned as Unit Operator and Burkhalter Engineering, Inc. was designated as Successor Unit Operator for the Calf Canyon Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 5, 1999. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Calf Canyon Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1097 will be used to cover all operations within the Calf Canyon Unit.

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

Sincerely,

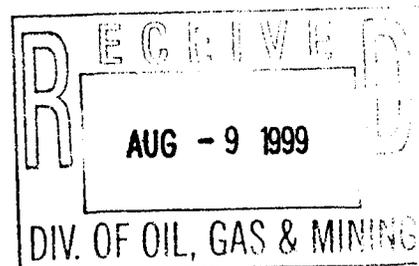
/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Calf Canyon Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:8/5/99



Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU70813A								
UTU5675	4301930376	1 FEDERAL-675	NENW	10	T20S	R21E	POW	PEASE OIL & GAS COMPANY
UTU11620	4301930298	1 FEDERAL-ANSCHUTZ-C	SWSE	3	T20S	R21E	OSI	PEASE OIL & GAS COMPANY
UTU11620	4301931203	10 CALF CANYON-FEDER	SESE	3	T20S	R21E	POW	PEASE OIL & GAS COMPANY
UTU11620	4301931209	11 CALF CANYON	SWSW	3	T20S	R21E	WIW	PEASE OIL & GAS COMPANY
UTU5675	4301931187	4 FEDERAL 675	NENW	10	T20S	R21E	POW	PEASE OIL & GAS COMPANY
UTU5675	4301931199	5 FEDERAL 675	NWNW	10	T20S	R21E	POW	PEASE OIL & GAS COMPANY
UTU5675	4301931208	6 FEDERAL 675	NENE	9	T20S	R21E	POW	PEASE OIL & GAS COMPANY
UTU11620	4301931168	7 FEDERAL CALF CANYO	SESW	3	T20S	R21E	WIW	PEASE OIL & GAS COMPANY

OPERATOR CHANGE WORKSHEET

Routing:	
1. <u>KDR</u> ✓	
2. <u>GLH</u> ✓	7. <u>KAS</u> ✓
3. <u>FRB</u> <u>FRB</u>	8. <u>SI</u>
4. <u>CDW</u> <u>LJ</u>	9. <u>FILE</u>
5. <u>KDR</u> ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 4-1-98

TO: (new operator)	<u>BURKHALTER ENGINEERING INC</u>	FROM: (old operator)	<u>PEASE OIL & GAS COMPANY</u>
(address)	<u>PO BOX 60095</u>	(address)	<u>PO BOX 60219</u>
	<u>GRAND JUNCTION CO 81506</u>		<u>GRAND JUNCTION CO 81506</u>
Phone:	<u>(970)245-5917</u>	Phone:	<u>(970)245-5917</u>
Account no.	<u>N6820</u>	Account no.	<u>N1080</u>

WELL(S) attach additional page if needed: * CALF CANYON UNIT

Name: **SEE ATTACHED**	API: <u>430193028</u>	Entity: _____	S <u>3</u>	T <u>205</u>	R <u>2K</u>	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Y 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 5-18-98)*
- Y 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 5-18-98)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____. If yes, show company file number: _____
- KDR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below. *(Rec'd 8.9.99) (Rec'd 12.22.99)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(11.19.99) Canyon U. (12.30.99)*
- KDR 6. **Cardex** file has been updated for each well listed above.
- N/A 7. Well **file labels** have been updated for each well listed above.
- DR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10.29.99) Canyon U. (12.30.99)*
- KDR 9. A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- VDP 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- VDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A/lec 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A/lec 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A/lec 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/lec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

1. All attachments to this form have been microfilmed. Today's date: 6-1-00.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

990621 per Teresa Thompson w/ BLM, there hasn't been any paperwork filed on Patt Canyon unit. No approval as of yet.

990809 rec'd Patt Canyon unit approval.

990902 left message for Marie McHann (BLM) for Fed. wells

990902 Marie (BLM) called me back. Patt Canyon unit wells have been approved, but not the federal ones yet. There is a problem, per Marie those approvals will take another week. She will send me a copy as soon as it is approved.

991119 called Marie McHann (BLM; 435-259-2135) to find out if Fed. wells apply. She told me not yet, there is a bonding problem. Only Patt Canyon u wells have been approved.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Twin Arrow, Inc.

3. Address and Telephone No.

P.O. Box 948, Rangely, CO 81648 970-675-8226

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

See Exhibit "A" attached

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Calf Canyon Secondary Unit
UTU70813A

8. Well Name and No.
See Exhibit "A" attached

9. API Well No.
See Exhibit "A" attached

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Grand County, Utah

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other CHANGE OF OPERATOR
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective July 1, 2000, Twin Arrow, Inc. became the operator of the wells listed on Exhibit "A" attached. Twin Arrow, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond Coverage for this lease (wells) will be provided by BLM Bond No. UT 1185

J. N. Burkhalter
J. N. Burkhalter/President
Burkhalter Engineering Inc.

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

Signed *Ande Gerd* Title Office Manager Date 8/18/2000
(This space for Federal or State office use)

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

EXHIBIT "A"
UNIT # UTU70813A

<u>WELL NAME</u>	<u>API NUMBER</u>
CALF CANYON #1	430193029800
FEDERAL 675-1	430193037600
CALF CANYON #7	430193116800
FEDERAL 675-4	430193118700
FEDERAL 675-5	430193119900
CALF CANYON #10	430193120300
FEDERAL 675-6	430193120800
CALF CANYON #11	430193120900

Results of query for MMS Account Number UTU70813A

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Rang
4301930298	BURKHALTER ENGINEERING INC	1 FEDERAL-ANSCHUTZ-C	OSI	UTU11620	UTU70813A	20S	21E
4301930376	BURKHALTER ENGINEERING INC	1 FEDERAL-675	POW	UTU5675	UTU70813A	20S	21E
4301931168	BURKHALTER ENGINEERING INC	7 FEDERAL CALF CANYO	WIW	UTU11620	UTU70813A	20S	21E
4301931187	BURKHALTER ENGINEERING INC	4 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E
4301931199	BURKHALTER ENGINEERING INC	5 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E
4301931203	BURKHALTER ENGINEERING INC	10 CALF CANYON-FEDER	POW	UTU11620	UTU70813A	20S	21E
4301931208	BURKHALTER ENGINEERING INC	6 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E
4301931209	BURKHALTER ENGINEERING INC	11 CALF CANYON	WIW	UTU11620	UTU70813A	20S	21E

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

October 16, 2000

Twin Arrow, Inc.
P.O. Box 948
Rangely, Colorado 81648

Re: Calf Canyon Unit
Grand County, Utah

Gentlemen:

On October 5, 2000, we received an indenture dated September 1, 2000, whereby Burkhalter Engineering, Inc. resigned as Unit Operator and Twin Arrow, Inc. was designated as Successor Unit Operator for the Calf Canyon Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective October 16, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Calf Canyon Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1185 will be used to cover all operations within the Calf Canyon Unit.

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

Sincerely,

/s/ Assad M. Raffoul

for Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Calf Canyon Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:10/16/00

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-SP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **7-1-2000**

FROM: (Old Operator):
BURKHALTER ENGINEERING
Address: 2285 LUCKY JOHN DR.
P. O. BOX 60095
GRAND JUNCTION, CO 81506
Phone: 1-(970)-243-6060
Account No. N6820

TO: (New Operator):
TWIN ARROW INC.
Address: P. O. BOX 948
RANGELY, CO 81648
Phone: 1-(970)-675-8226
Account No. N1415

CA No.

Unit: CALF CANYON

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CALF CANYON # 1	43-019-30298	11666	03-20S-21E	FEDERAL	OW	S
CALF CANYON FEDERAL # 10	43-019-31203	11666	03-20S-21E	FEDERAL	OW	S
FEDERAL 675-6	43-019-31208	11666	09-20S-21E	FEDERAL	OW	P
FEDERAL 675-1	43-019-30376	11666	10-20S-21E	FEDERAL	OW	P
FEDERAL 675-4	43-019-31187	11666	10-20S-21E	FEDERAL	OW	P
FEDERAL 675-5	43-019-31199	11666	10-20S-21E	FEDERAL	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 07/27/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/24/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 11/01/2000
- Is the new operator registered in the State of Utah: YES Business Number: 873902-0142
- If **NO**, the operator was contacted on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 04/01/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

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

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

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 11/01/2000
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/01/2000
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

- 1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
- 3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

- 1. All attachments to this form have been **MICROFILMED** on: 2.26.01

FILING:

- 1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

N REPLY REFER TO
UT-922

May 24, 2001

Jelco Energy Inc.
P.O. Box 948
Rangely, Colorado 81648

Re: Calf Canyon Unit
Grand County, Utah

Gentlemen:

On May 24, 2001, we received an indenture dated May 23, 2001, whereby Twin Arrow, Inc. resigned as Unit Operator and Jelco Energy Inc. was designated as Successor Unit Operator for the Calf Canyon Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective May 24, 2001. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Calf Canyon Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1185 will be used to cover all operations within the Calf Canyon Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-924
File - Calf Canyon Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:5/24/01

RECEIVED

MAY 29 2001

DIVISION OF
OIL, GAS AND MINING

Results of query for MMS Account Number UTU70813A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section
Production	4301930298	TWIN ARROW INCORPORATED	1 FEDERAL-ANSCHUTZ-C	OSI	UTU11620	UTU70813A	20S	21E	3
Production	4301930376	TWIN ARROW INCORPORATED	1 FEDERAL-675	POW	UTU5675	UTU70813A	20S	21E	10
Production	4301931168	TWIN ARROW INCORPORATED	7 FEDERAL CALF CANYO	WIW	UTU11620	UTU70813A	20S	21E	3
Production	4301931187	TWIN ARROW INCORPORATED	4 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E	10
Production	4301931199	TWIN ARROW INCORPORATED	5 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E	10
Production	4301931203	TWIN ARROW INCORPORATED	10 CALF CANYON-FEDER	POW	UTU11620	UTU70813A	20S	21E	3
Production	4301931208	TWIN ARROW INCORPORATED	6 FEDERAL 675	POW	UTU5675	UTU70813A	20S	21E	9
Production	4301931209	TWIN ARROW INCORPORATED	11 CALF CANYON	WIW	UTU11620	UTU70813A	20S	21E	3

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
see attached list

2. NAME OF OPERATOR:
Jelco Energy, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR: P.O. Box 948 CITY Rangely STATE CO ZIP 81648 PHONE NUMBER: 9706758226

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____ COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH

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

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

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

see attached list

Until May 1, 2001 Twin Arrow, Inc. and Jelco Energy Inc. were the same company. We split Twin Arrow, Inc. and Jelco Energy apart so Jelco Energy could operate all the Utah wells and Twin Arrow will operate all the Colorado Wells.

NAME (PLEASE PRINT) Linda C. Gordon TITLE Office Manager

SIGNATURE *Linda Gordon* DATE 6/1/2001

(This space for State use only)

RECEIVED
JUN 15 2001
DIVISION OF
OIL, GAS AND MINING

FED. LEASE #	API #	WELL NAME	SEC	QTR	TWP	RNG
UTU5675	430193039200	CALF CANYON #4	11	NWNW	20S	21E
UTU72600	430193039300	CALF CANYON #5	11	SENE	20S	21E
UTU72600	430193109400	FEDERAL #675-3	10	SWNW	20S	21E
UTU11620	430193119700	CALF CANYON #8	3	SESW	20S	21E
UTU70813A	430193029800	CALF CANYON #1	3	SWSE	20S	21E
UTU70813A	430193037600	FEDERAL 675-1	10	NENW	20S	21E
UTU70813A	430193116800	CALF CANYON #7	2	SESW	20S	21E
UTU70813A	430193118700	FEDERAL 675-4	10	NENW	20S	21E
UTU70813A	430193119900	FEDERAL 675-5	10	NWNW	20S	21E
UTU70813A	430193120300	CALF CANYON #10	3	SESE	20S	21E
UTU70813A	430193120800	FEDERAL 675-6	9	NENE	20S	21E
UTU70813A	430193120900	CALF CANYON #11	3	SWSW	20S	21E
UTU02139A	430193035500	FEDERAL 23-1	23	SWNE	20S	21E
UTU02139A	430193035900	FEDERAL 25-1	25	SWNE	20S	21E
UTU02139A	430193043200	FEDERAL 24-3	24	SWSE	20S	21E
UTU02139A	430193048800	FEDERAL 14-3	14	NESE	20S	21E
UTU02139A	430193053000	FEDERAL 24-2	24	NWNW	20S	21E
UTU02139A	430193057500	FEDERAL 25-3	25	SESE	20S	21E
UTU02139A	430193058600	FEDERAL 23-2	23	NWNW	20S	21E
UTU02139A	430193058700	FEDERAL 25-2	25	SWSW	20S	21E
UTU02139A	430193058800	FEDERAL 23-3	23	NESW	20S	21E
UTU02139A	430193074300	FEDERAL 25-4	25	NENW	20S	21E
UTU02139A	430193076000	FEDERAL 23-4	23	NWSE	20S	21E
UTU02139A	430193087800	FEDERAL 14-4	14	SWSW	20S	21E
UTU02139A	430193090000	FEDERAL 24-4	24	NWNE	20S	21E
UTU02140A	430193034800	FEDERAL 13-1	13	SWSW	20S	21E
UTU02140A	430193043000	FEDERAL 14-1	14	NWNW	20S	21E
UTU02140A	430193043600	FEDERAL 14-1A	14	NWNW	20S	21E
UTU02140A	430193048400	FEDERAL 10-1	10	NWSW	20S	21E
UTU02140A	430193048500	FEDERAL 11-1	11	NWSW	20S	21E
UTU02140A	430193048700	FEDERAL 14-2	14	NENE	20S	21E
UTU02140A	430193058500	FEDERAL 15-1	15	NESE	20S	21E
UTU02140A	430193062500	FEDERAL 22-1	22	SENE	20S	21E
UTU02140A	430193063600	FEDERAL 15-2	15	NWNW	20S	21E
UTU02140A	430193063700	FEDERAL 15-3	15	NENE	20S	21E
UTU02140A	430193067300	FEDERAL 13-2	13	SESW	20S	21E
UTU02140A	430193088100	FEDERAL 12-1	12	SWSW	20S	21E
UTU02140A	430193088200	FEDERAL 11-2	11	SESE	20S	21E
UTU02140A	430193088300	FEDERAL 13-3	13	NWNE	20S	21E
UTU02140A	430193088400	FEDERAL 11-3	11	SWSW	20S	21E
UTU02140A	430193088500	FEDERAL 13-4	13	NWSE	20S	21E
UTU02140A	430193088700	FEDERAL 15-4	15	SWSW	20S	21E
UTU02140A	430193121000	FEDERAL 10-2	10	NESW	20S	21E
UTU12702	430193042900	FEDERAL 30-1	30	SWNW	20S	22E
UTU12702A	430193030200	FEDERAL 19-3	19	SWSW	20S	22E
UTU12702A	430193030800	FEDERAL 31-1A	31	NENW	20S	22E
UTU12702A	430193030800	FEDERAL 31-1A	31	NENW	20S	22E
UTU12702A	430193089600	FEDERAL 19-1A	19	SWNW	20S	22E
UTU37730	430193087500	FEDERAL 18-1	18	NESW	20S	22E
STATE WELL						
ML-24295	430193034700	STATE 32-1	32	W 1/2	20S	22E

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-LR ✓ <i>6/15</i>
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **05-01-2001**

FROM: (Old Operator):
TWIN ARROW INC
Address: P. O BOX 948
RANGELY, CO 81648
Phone: 1-(970)-675-8226
Account N1415

TO: (New Operator):
JELCO ENERGY INC
Address: P. O . BOX 948
RANGELY, CO 81648
Phone: 1-(970)-675-8226
Account N1825

CA No.

Unit: CALF CANYON

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CALF CANYON 1	43-019-30298	11666	03-20S-21E	FEDERAL	OW	P
CALF CANYON 7	43-019-31168	11666	03-20S-21E	FEDERAL	WI	A
CALF CANYON FEDERAL 10	43-019-31203	11666	03-20S-21E	FEDERAL	OW	S
CALF CANYON 11	43-019-31209	11666	03-20S-21E	FEDERAL	WI	A
FEDERAL 675-6	43-019-31208	11666	09-20S-21E	FEDERAL	OW	S
FEDERAL 675-1	43-019-30376	11666	10-20S-21E	FEDERAL	OW	P
FEDERAL 675-4	43-019-31187	11666	10-20S-21E	FEDERAL	OW	P
FEDERAL 675-5	43-019-31199	11666	10-20S-21E	FEDERAL	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/15/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/15/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/18/2001
- Is the new operator registered in the State of Utah: YES Business Number: 4825833-0143
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 05/24/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 05/25/2001
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 06/20/2001

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/18/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/18/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 7.12.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

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:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Jelco Energy (formerly Twin Arrow Inc.)		8. WELL NAME and NUMBER: see attached list
3. ADDRESS OF OPERATOR: P.O. Box 948, Rangely, CO 81648		9. API NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: see attached list		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: Grand
		STATE: UTAH

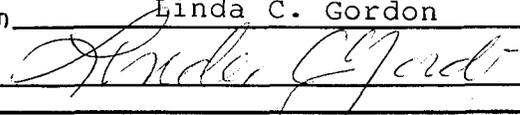
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/>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

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

Effective June 1, 2003, Jelco Energy sold all its interest and ownership in the wells listed of the attached list. The new owner and operator is ABS Energy LLC, P.O. Box 736, Rangely, CO 81648. Jelco Energy relinquishes ownership of all operating rights to ABS Energy LLC.



 New Operator/ABS Energy LLC.
 P.O. Box 736
 Rangely, CO 81648
 Fax 970-675-8558
 Office 970-629-1116
 ABS Energy LLC BLM Bond UTB000034

NAME (PLEASE PRINT) <u>Linda C. Gordon</u>	TITLE <u>Office Mgr</u>
SIGNATURE 	DATE <u>7/2/03</u>

(This space for State use only)

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JUL 08 2003

DIV. OF OIL, GAS & MINING

WELL NAMES, ENTITY #S AND WELL ID

WELL NAME	ENTITY #	API #	WELL TYPE	LEGAL DESCRIPTION	LEASE TYPE	STATUS
FEDERAL 14-1A	08150	4301930436	GAS	T20S,R21E, SEC 14	FEDERAL	TA
FEDERAL 1-10	08141	4301930484	GAS	T20S,R21E, SEC 10	FEDERAL	S
FEDERAL 10-2	08207	4301931210	GAS	T20S,R21E, SEC 10	FEDERAL	TA
FEDERAL 11-1	08142	4301930485	GAS	T20S,R21E, SEC 11	FEDERAL	P
FEDERAL 11-2	08143	4301930882	GAS	T20S,R21E, SEC 11	FEDERAL	S
FEDERAL 11-3	08144	4301930884	GAS	T20S,R21E, SEC 11	FEDERAL	P
FEDERAL 12-1	08145	4301930881	GAS	T20S,R21E, SEC 12	FEDERAL	TA
FEDERAL 13-1	08146	4301930348	GAS	T20S,R21E, SEC 13	FEDERAL	TA
FEDERAL 13-2	08147	4301930673	GAS	T20S,R21E, SEC 13	FEDERAL	P
FEDERAL 13-3	08148	4301930883	GAS	T20S,R21E, SEC 13	FEDERAL	TA
FEDERAL 13-4	08149	4301930885	GAS	T20S,R21E, SEC 13	FEDERAL	TA
FEDERAL 14-1	08169	4301930430	GAS	T20S,R21E, SEC 14	FEDERAL	P
FEDERAL 14-2	08151	4301930487	GAS	T20S,R21E, SEC 14	FEDERAL	P
FEDERAL 14-3	08152	4301930488	GAS	T20S,R21E, SEC 14	FEDERAL	P
FEDERAL 14-4	08153	4301930878	GAS	T20S,R21E, SEC 14	FEDERAL	S
FEDERAL 15-1	11391	4301930585	GAS	T20S,R21E, SEC 15	FEDERAL	TA
FEDERAL 15-2	08154	4301930636	GAS	T20S,R21E, SEC 15	FEDERAL	S
FEDERAL 15-3	08155	4301930637	GAS	T20S,R21E, SEC 15	FEDERAL	P
FEDERAL 15-4	10140	4301930887	GAS	T20S,R21E, SEC 15	FEDERAL	TA
FEDERAL 18-1	08200	4301930875	GAS	T20S,R22E, SEC 18	FEDERAL	S
FEDERAL 19-1A	08201	4301930896	GAS	T20S,R22E, SEC 19	FEDERAL	TA
FEDERAL 19-3	08201	4301930302	GAS	T20S,R22E, SEC 19	FEDERAL	TA
FEDERAL 22-1	08156	4301930625	GAS	T20S,R21E, SEC 22	FEDERAL	P
FEDERAL 23-1	11393	4301930355	GAS	T20S,R21E, SEC 23	FEDERAL	P
FEDERAL 23-2	08140	4301930586	GAS	T20S,R21E, SEC 23	FEDERAL	S
FEDERAL 23-3	08157	4301930588	GAS	T20S,R21E, SEC 23	FEDERAL	P
FEDERAL 23-4	08158	4301930760	GAS	T20S,R21E, SEC 23	FEDERAL	P
FEDERAL 24-2	08159	4301930530	GAS	T20S,R21E, SEC 24	FEDERAL	P
FEDERAL 24-3	11395	4301930432	GAS	T20S,R21E, SEC 24	FEDERAL	P
FEDERAL 24-4	08208	4301930900	GAS	T20S,R21E, SEC 24	FEDERAL	TA
FEDERAL 25-1	11394	4301930359	OIL	T20S,R21E, SEC 25	FEDERAL	S
FEDERAL 25-2	11392	4301930587	OIL	T20S,R21E, SEC 25	FEDERAL	S
FEDERAL 25-3	08171	4301930575	GAS	T20S,R21E, SEC 25	FEDERAL	S
FEDERAL 25-4	08181	4301930743	GAS	T20S,R21E, SEC 25	FEDERAL	P
FEDERAL 30-1	08203	4301930429	GAS	T20S,R22E, SEC 30	FEDERAL	S
FEDERAL 31-1A	08204	4301930308	GAS	T20S,R22E, SEC 31	FEDERAL	P
STATE 32-1	08206	4301930347	GAS	T20S,R22E, SEC 32	STATE	P
CC #1	11666	4301930298	OIL	T20S,R21E, SEC 3	FEDERAL	P
CC #4	02515	4301930392	OIL	T20S,R21E, SEC 11	FEDERAL	S
CC #5	02490	4301930393	OIL	T20S,R21E, SEC 11	FEDERAL	TA
CC #8	09820	4301931197	OIL	T20S,R21E, SEC 3	FEDERAL	S
CC #10	11666	4301931203	OIL	T20S,R21E, SEC 3	FEDERAL	S
FEDERAL 675-1	11666	4301930376	OIL	T20S,R21E, SEC 10	FEDERAL	P
FEDERAL 675-3	00303	4301931094	OIL	T20S,R21E, SEC 10	FEDERAL	S
FEDERAL 675-4	11666	4301931187	OIL	T20S,R21E, SEC 10	FEDERAL	P
FEDERAL 675-5	11666	4301931199	OIL	T20S,R21E, SEC 10	FEDERAL	S
FEDERAL 675-6	11666	4301931208	OIL	T20S,R21E, SEC 9	FEDERAL	S

Leasing Unit



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

ABS Energy LLC.
P.O. Box 736
Rangely, Colorado 81648

Re: Calf Canyon Unit
Grand County, Utah

Gentlemen:

On June 6, 2003, we received an indenture dated January 1, 2003, whereby Jelco Energy Inc. resigned as Unit Operator and ABS Energy LLC. was designated as Successor Unit Operator for the Calf Canyon Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Calf Canyon Unit Agreement.

Your statewide (Utah) oil and gas bond No. B000034 will be used to cover all operations within the Calf Canyon Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Calf Canyon Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

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

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 6/9/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 6/9/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/31/2003

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 8/7/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 8/7/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B000034

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

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

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Elk Production, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 770 S. Post Oak Lane #320 CITY Houston STATE TX ZIP 77056		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		COUNTY:
		STATE: UTAH

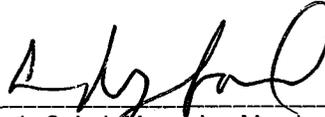
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

Change of operator from ABS Energy, LLC to Elk Production LLC.

Old Operator: ABS Energy, LLC *N 2475*

By: 
Andy Saied, Managing Member
PO Box 307
Farmington, NM 87499

New Operator: ELK PRODUCTION, LLC

NAME (PLEASE PRINT) <u>Richard P. Crist</u>	TITLE <u>Executive Vice President</u>
SIGNATURE <u>Richard P. Crist</u>	DATE <u>8/12/04</u>

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AUG 17 2004

ATTACHMENT TO SUNDRY NOTICE

**Transfer from ABS Energy, LLC to Elk Production, LLC
Effective July 22, 2004**

<u>Well Name</u>	<u>API #</u>	<u>Location</u>
State 32-1	43-019-30347	SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 32, T 20 S, R 22 E
Federal 31-1A	43-019-30308	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 31, T 20 S, R 22 E
Federal 30-1	43-019-30429	SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 30, T 20 S, R 22 E
Federal 25-1	43-019-30359	SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 25, T 20 S, R 21 E
Federal 25-2	43-019-30587	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 25, T 20 S, R 21 E
Federal 25-3	43-019-30575	SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 25, T 20 S, R 21 E
Federal 25-4	43-019-30743	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 25, T 20 S, R 21 E
Federal 24-4	43-019-30900	NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, T 20 S, R 21 E
Federal 24-2	43-019-30530	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 24, T 20 S, R 21 E
Federal 24-3	43-019-30432	SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 24, T 20 S, R 21 E
Federal 23-1	43-019-30355	SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 23, T 20 S, R 21 E
Federal 23-3	43-019-30588	NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 23, T 20 S, R 21 E
Federal 23-4	43-019-30760	NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 23, T 20 S, R 21 E
Federal 23-2	43-019-30586	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 23, T 20 S, R 21 E
Federal 22-1	43-019-30625	SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 22, T 20 S, R 21 E
Federal 19-3	43-019-30302	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 19, T 20 S, R 22 E
Federal 19-1A	43-019-30896	SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 19, T 20 S, R 22 E
Federal 18-1	43-019-30875	NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 18, T 20 S, R 22 E

<u>Well Name</u>	<u>API #</u>	<u>Location</u>
Federal 15-2	43-019-30636	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 15, T 20 S, R 21 E
Federal 15-1	43-019-30585	NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 15, T 20 S, R 21 E
Federal 15-3	43-019-30637	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T 20 S, R 21 E
Federal 15-4	43-019-30887	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 15, T 20 S, R 21 E
Federal 14-3	43-019-30488	NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 14, T 20 S, R 21 E
Federal 14-1A	43-019-30436	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 14, T 20 S, R 12 E
Federal 14-2	43-019-30487	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 14, T 20 S, R 21 E
Federal 14-1	43-019-30430	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 14, T 20 S, R 21 E
Federal 14-4	43-019-30878	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 14, T 20 S, R 21 E
Federal 13-2	43-019-30673	SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 13, T 20 S, R 21 E
Federal 13-4	43-019-30885	NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 13, T 20 S, R 21 E
Federal 13-1	43-019-30348	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 13, T 20 S, R 21 E
Federal 13-3	43-019-30883	NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 13, T 20 S, R 21 E
Federal 12-1	43-019-30881	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 12, T 20 S, R 21 E
Calf Canyon 4	43-019-30392	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 11, T 20 S, R 21 E
Federal 11-3	43-019-30884	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 11, T 20 S, R 21 E
Calf Canyon 5	43-019-30393	SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 11, T 20 S, R 21 E
Federal 11-1	43-019-30485	NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 11, T 20 S, R 21 E
Federal 11-2	43-019-30882	SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 11, T 20 S, R 21 E
Federal 675 5	43-019-31199	NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E
Federal 1-10	43-019-30484	NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E

Well NameAPI #Location

Federal 675 4	43-019-31187	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E
Fed 3-675	43-019-31094	SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E
Federal 675-1	43-019-30376	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E
Federal 10-2	43-019-31210	NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 10, T 20 S, R 21 E
Federal 675-6	43-019-31208	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 9, T 20 S, R 21 E
Calf Canyon 1	43-019-30298	SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 3, T 20 S, R 21 E
Calf Canyon 8	43-019-31197	SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 3, T 20 S, R 21 E
Calf Canyon Fed 10	43-019-31203	SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 3, T 20 S, R 21 E
Calf Cyn 7	43-019-31168	SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 3, T 20 S, R 21 E
Calf Canyon 11	43-019-31209	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 2, T 20 S, R 21 E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
(UT-922)

August 30, 2004

Elk Production, LLC
c/o Pruitt Gushee
Attn: Bill Ward
1800 Beneficial Life Tower
36 South State Street
Salt Lake City, Utah 84111-1495

Re: Calf Canyon Secondary Recovery Unit
Grand County, Utah

Gentlemen:

On August 27, 2004, we received an indenture dated July 22, 2004, whereby ABS Energy, LLC resigned as Unit Operator and Elk Production, LLC was designated as Successor Unit Operator for the Calf Canyon Secondary Recovery Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 30, 2004. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Calf Canyon Secondary Recovery Unit Agreement.

Your Utah statewide oil and gas bond No. UTB000135 will be used to cover all operations within the Calf Canyon Secondary Recovery Unit.

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

Sincerely,

/s/ Teresa Thompson

for Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:8/30/04

RECEIVED
AUG 31 2004
DIV. OF OIL, GAS & MINING

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: _____ applied for _____

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/30/2004

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/31/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2004
3. Bond information entered in RBDMS on: 8/31/2004
4. Fee/State wells attached to bond in RBDMS on: 8/31/2004
5. Injection Projects to new operator in RBDMS on: 8/31/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: _____ n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B000963

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B000969

2. The **FORMER** operator has requested a release of liability from their bond on: TLA held

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 9/1/2004

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-11620

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.
NA

8. Well Name and No.
Calf Canyon 1

9. API Well No.
4301930298

10. Field and Pool or Exploratory Area
Greater Cisco/Dakota

11. Country or Parish, State
Grand County, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Elk Production, LLC

3a. Address
1401 17th Street, Suite 700
Denver, CO 80202

3b. Phone No. (include area code)
303-296-4505

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
537 FSL, 2103' FEL
SWSE Section 3-T20S-R21E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Perf additional Dakota Pay
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

As quickly as Elk receives regulatory approval, the Company proposes to perforate an additional Dakota pay sand from 2902 to 2909'. This interval is immediately above present-perforated interval 2950-79'. The plan calls to first isolate the existing perforated interval below a Retrievable BP. The BP and casing above will be pressure tested to 1000 psi before perforating the new interval. Following perforating, the zone will be flow or swab tested. Should the zone come in strongly, it will be produced separately to prevent cross flow until some pressure depletion has occurred. If it comes in weakly, as if depleted from offsetting wells, the BP will be pulled immediately for commingled production. Ultimately the proposal is for commingled flow from both Dakota intervals.

Accepted by the
Utah Division of
Oil, Gas and Mining

10/24/07
[Signature]

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR
Date: 10/29/07
Initials: GHO

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

Name (Printed/Typed)
Karin Kuhn

Title Sr. Engineering Technician

Signature *[Signature]*

Date 10/08/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

OCT 19 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-11620

6. If Indian, Allottee or Tribe Name

NA

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.
NA

8. Well Name and No.
Calf Canyon 1

9. API Well No.
4301930298

10. Field and Pool or Exploratory Area
Greater Cisco/Dakota

11. Country or Parish, State
Grand County, UT

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
Eik Production, LLC

3a. Address
1401 17th Street, Suite 700
Denver, CO 80202

3b. Phone No. (include area code)
303-296-4505

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
537' FSL, 2103' FEL
SWSE Section 3-T20S-R21E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Perf additional</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Dakota Pay</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Work began on 3/18/08 to perf additional Dakota pay for the subject well. Perfed 4 SPF from 2902'-2909'. Swab test new perfs. Run production equipment. Return well to production on March 28, 2008.

RECEIVED
APR 03 2008

DIV. OF OIL, GAS & MINING

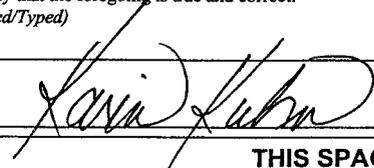
14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Karin Kuhn

Title Sr. Engineering Technician

Signature



Date 03/31/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/1/2011

FROM: (Old Operator): N2650-Elk Production, LLC 1401 17th Street, Suite 700 Denver, CO 80202 Phone: 1 (303) 296-4505	TO: (New Operator): N3785-SEP - Cisco Dome LLC 1245 Brickyard Rd, Suite 210 Salt Lake City, UT 84106 Phone: 1 (435) 940-9001
---	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST - 10 WELLS									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/6/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/6/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/18/2011
- Is the new operator registered in the State of Utah: Business Number: 7934251-0160
- (R649-9-2)Waste Management Plan has been received on: Requested 9/21/2011
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/20/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/20/2011
- Bond information entered in RBDMS on: 9/6/2011
- Fee/State wells attached to bond in RBDMS on: 9/21/2011
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000465
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number
- The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Calf Canyon Unit
2. NAME OF OPERATOR: SEP - CISCO DOME, LLC <i>N3785</i>		8. WELL NAME and NUMBER: See attached list
3. ADDRESS OF OPERATOR: 1245 Brickyard Rd., Ste 210 CITY Salt Lake City STATE UT ZIP 84106		9. API NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Grand County QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<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.

Previous Operator: Elk Production, LLC <i>N2650</i> 1401 17th Street, Suite 700 Denver, Colorado 80202 303-296-4505	New Operator: SEP - CISCO DOME, LLC 1245 Brickyard Rd., Ste. 210 Salt Lake City, UT 435-940-9001
--	---

Utah DOGM Bond #
BLM Bond # *UT13060465*
effective 8/1/2011

SEP - CISCO DOME, LLC representative:

Name (Please Print): **David Lillywhite**

Title: **President**

Signature _____

Date: *7/28/11*

NAME (PLEASE PRINT) **John Whisler**

TITLE **Chief Executive Officer**

SIGNATURE _____

DATE *7/28/11*

(This space for State use only)

RECEIVED
SEP 06 2011

APPROVED *9/20/2011*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

ELK PRODUCTION, LLC (N2650) to SEP-Cisco Dome, LLC (N3785)
 effective 8/1/2011

well_name	sec	twp	rng	api	entity	well	stat
CALF CANYON 1	03	200S	210E	4301930298	11666	OW	S
FEDERAL 675-1	10	200S	210E	4301930376	11666	OW	S
CALF CANYON 4	11	200S	210E	4301930392	2515	OW	S
CALF CYN 7	03	200S	210E	4301931168	11666	GW	S
FEDERAL 675 4	10	200S	210E	4301931187	11666	OW	P
CALF CANYON 8	03	200S	210E	4301931197	16780	GW	S
FEDERAL 675 5	10	200S	210E	4301931199	11666	OW	S
CALF CANYON FED 10	03	200S	210E	4301931203	11666	OW	S
FEDERAL 675-6	09	200S	210E	4301931208	11666	OW	S
CALF CANYON 11	03	200S	210E	4301931209	15278	GW	S

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

- | |
|--------|
| 1. DJJ |
| 2. CDW |

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

9/1/2011

FROM: (Old Operator): N3785-SEP - Cisco Dome LLC 1245 Brickyard Rd, Suite 210 Salt Lake City, UT 84106 Phone: 1 (435) 940-9001	TO: (New Operator): N3805-SEP - Cisco Dome II LLC 1245 Brickyard Rd, Suite 210 Salt Lake City, UT 84106 Phone: 1 (435) 940-9001
---	--

WELL NAME	CA No.	SEC TWN RNG	Unit:	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST - 10 WELLS			CALF CANYON					

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/15/2011
- Is the new operator registered in the State of Utah: Business Number: 7934251-0160
- (R649-9-2) Waste Management Plan has been received on: Requested 9/21/2011
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 9/20/2011 BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

2nd bookmark

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/20/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/20/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000466
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: SEP - CISCO DOME II, LLC <i>N3805</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1245 Brickyard Rd, Ste 210 CITY Salt Lake City STATE UT ZIP 84106		7. UNIT or CA AGREEMENT NAME: Calf Canyon Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: see attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: see attached list
PHONE NUMBER: (435) 940-9001		9. API NUMBER: attached
COUNTY: Grand County		10. FIELD AND POOL, OR WILDCAT: Greater Cisco
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/15/2011</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Previous Operator: *N3785*
SEP - CISCO DOME, LLC
1245 BRICKYARD RD, STE 210
SALT LAKE CITY, UT 84106
435-940-9001

New Operator:
SEP - CISCO DOME II, LLC *N3805*
1245 BRICKYARD RD, STE 210
SALT LAKE CITY, UT 84106
435-940-9001

BLM Bond #: UTB-000466

[Signature]
x David Knudson,
Land Manager
15 Sept. 2011

[Signature]
x David Knudson,
Land Manager
15 Sept. 2011

effective 9/1/2011

NAME (PLEASE PRINT) <u>Jeremy Schwendiman</u>	TITLE <u>Landman</u>
SIGNATURE <i>[Signature]</i>	DATE <u>8/10/2011</u>

(This space for State use only) APPROVED 9/30/2011
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
SEP 15 2011
DIV. OF OIL, GAS & MINING

SEP-Cisco Dome, LLC (N3785) to SEP-Cisco Dome II, LLC (N3805)
 effective 9/1/2011

well_name	sec	twp	rng	api	entity	well	stat
CALF CANYON 1	03	200S	210E	4301930298	11666	OW	S
FEDERAL 675-1	10	200S	210E	4301930376	11666	OW	S
CALF CANYON 4	11	200S	210E	4301930392	2515	OW	S
CALF CYN 7	03	200S	210E	4301931168	11666	GW	S
FEDERAL 675 4	10	200S	210E	4301931187	11666	OW	P
CALF CANYON 8	03	200S	210E	4301931197	16780	GW	S
FEDERAL 675 5	10	200S	210E	4301931199	11666	OW	S
CALF CANYON FED 10	03	200S	210E	4301931203	11666	OW	S
FEDERAL 675-6	09	200S	210E	4301931208	11666	OW	S
CALF CANYON 11	03	200S	210E	4301931209	15278	GW	S



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3180 (UTU70813A)
UT-922

SEP 19 2011

David Knudson
SEP-Cisco Dome II, LLC
1245 Brickyard Rd., Suite 210
Salt Lake City, UT 84106

Re: Successor Operator
Calf Canyon Unit
Agreement No. UTU70813A
Grand County, Utah

Dear Mr. Knudson:

On September 1, 2011, we received an indenture dated August 29, 2011, whereby Elk Production, LLC resigned as Unit Operator and SEP-Cisco Dome II, LLC was designated as Successor Unit Operator for the Calf Canyon Unit, Grand County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective September 15, 2011. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Calf Canyon Unit Agreement.

Your statewide oil and gas bond, No. ZSB802726 (BLM Bond No. UTB000466) will be used to cover unit operations.

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

Sincerely,

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: UDOGM
SITLA
ONRR - Leona Reilly
BLM FOM - Moab w/enclosure

RECEIVED

SEP 20 2011

DIV. OF OIL, GAS & MINING