

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Fee

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

CASTLEDALE-DENISON #1

10. Field and Pool, or Wildcat

Wildcat

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

Section 10, T19S, R8E

12. County or Parrish 13. State

Emery Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL [X]

DEEPEN []

PLUG BACK []

b. Type of Well

Oil Well []

Gas Well [X]

Other

Single Zone []

Multiple Zone []

2. Name of Operator

HUSKY OIL COMPANY

3. Address of Operator

6060 S. Willow Drive, Englewood, Colorado 80111

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

At surface

656' FNL & 1818' FWL

At proposed prod. zone Same

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

Two miles south of Castle Dale, Utah

15. Distance from proposed*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

498' FWL

16. No. of acres in lease

127.5

17. No. of acres assigned to this well

640

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

N/A

19. Proposed depth

2100'

20. Rotary or cable tools

Rotary

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

5597' GR

22. Approx. date work will start*

January 15, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 12-1/4" hole with 8-5/8" casing and 7-7/8" hole with 4-1/2" casing.

We propose to drill the captioned well to test the Ferron formation. We propose to test all shows of gas and/or oil deemed worthy of test and to set casing as above, or to plug in accordance with instructions received from the State of Utah, Division of Oil, Gas & Mining. Expected tops are:

Ferron 1200'
Tununk 1500'
Dakota 2000'

Exclusion of all alien water will be evaluated with a casing and water shut-off test (requested and reported in accordance with Rule 9-C). Completion and stimulation plans will be based on logs and test data.

Application of location spacing exception is being made. Agreements are in process with surface owner, Utah Power & Light, and access road right-of-way owners (as shown on plat).

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: Vera Chandler

Vera Chandler (303) 850-1462

Title Technical Assistant

Date December 8, 1982

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Conditions of approval, if any:

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

DATE: 12-13-82

BY: [Signature]

PROPERTY DESCRIPTION:

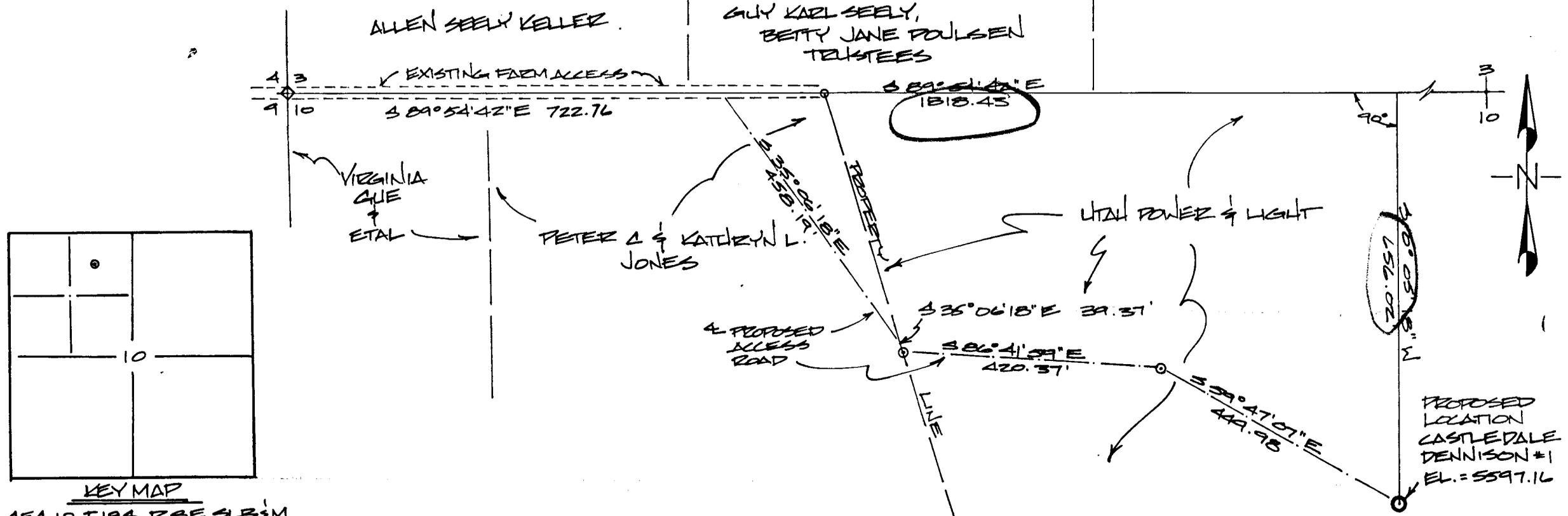
CASTLE DALE - DENNISON #1

LOCATED AT A POINT WHICH IS 1818.43 FEET FROM THE WEST LINE AND 656.02 FEET FROM THE NORTH LINE OF SECTION 10, T.19S., R.8E., S.1B & 1/2 M.

E. DESCRIPTION OF PROPOSED ACCESS ROAD

BEGINNING AT A POINT WHICH IS S 89° 54' 42" E, 722.76 FEET FROM THE NORTHWEST CORNER OF SECTION 10, T.19S., R.8E., S.1B & 1/2 M; SAID POINT BEING ON THE NORTH LINE OF SAID SECTION 10; THENCE S 35° 06' 18" E 458.19 FEET TO THE PROPERTY LINE BETWEEN PETER A. AND KATHRYN L. JONES, AND UTAH POWER AND LIGHT CO.; THENCE S 35° 06' 18" E, 39.37 FEET; THENCE S 86° 41' 59" E, 420.37 FEET; THENCE S 59° 47' 07" E, 449.98 FEET TO THE PROPOSED LOCATION OF CASTLE DALE - DENNISON #1

CERTIFICATE
Craig E. Johansen
 CRAIG E. JOHANSEN LICENSED SURVEYOR, HOLDING UTAH CERTIFICATE NO. 3926, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON HAS BEEN PREPARED FROM A FIELD SURVEY MADE UNDER MY DIRECTION AND CORRECTLY SHOWS THE DIMENSIONS AND MONUMENTS OF THE PROPERTY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND BELIEF. FURTHERMORE, ENCROACHMENTS OF FENCES AND IMPROVEMENTS ARE SHOWN WITH THE FOLLOWING EXCEPTIONS:
 N/A



KEY MAP
 SEC 10, T.19S, R.8E S.1B & 1/2 M

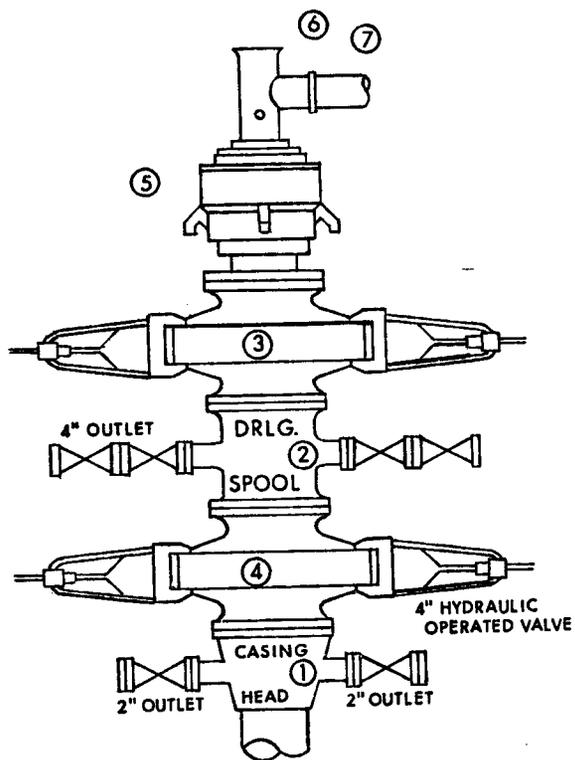
SECTION	TOWNSHIP	RANGE	DATE	SCALE
10	19S	8E	Nov 1982	1" = 200'
BLOCK	PLAT	SURVEY		

CRAIG E. JOHANSEN
 REGISTERED LAND SURVEYOR
 JOHANSEN & TUTTLE ENGR. INC. CASTLE DALE, UTAH

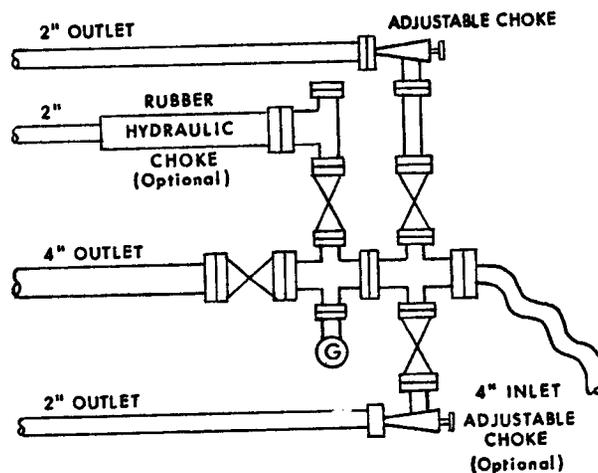
SURVEY FOR
HUSKY OIL COMPANY
 1600 SOUTH WILLOW DR
 ENGLEWOOD, COLO. 80111

BLOWOUT PREVENTER REQUIREMENTS FOR 3000 LB. SERVICE

3M OR 5M RSRA



MINIMUM BOP FOR 3M



CHOKE MANIFOLD FOR 3M

LEGEND:

TEST:

AFTER NIPPLING UP ON SURFACE PIPE, BUT BEFORE DRILLING OUT THE CEMENT PLUG, THE B.O.P.'s SHALL BE TESTED TO THE RATED WORKING PRESSURE.

FREQUENCY:

THE B.O.P.'s SHALL BE CYCLED CLOSED AND OPEN EVERY TIME A TRIP IS MADE.

- ① Casing head w/ 2 - 2" outlets.
- ② Drlg. head w/ 2 flanged outlets.
- ③ Ram-type BOP w/ blind rams.
- ④ Ram-type BOP w/ pipe rams.
- ⑤ Hydril BOP (Annular Type).
- ⑥ Bell nipple.
- ⑦ Flowline
- ⓐ Pressure gauge.

OPERATOR HUSKY OIL CO DATE 12-13-22

WELL NAME GASTLEDALE-DENISON #1

SEC NENW 10 T 19S R 8E COUNTY EMERY

43-015-30144
API NUMBER

FEE
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

LOCATION FWL IS 499', HOWEVER 2' IS NOT SIGNIFICANT
ENOUGH TO PROCESS AS C-3-C

12/13/22
[Signature]

NO GAS WELLS WITHIN 4960'

APPROVAL LETTER:

SPACING:

A-3

_____ UNIT

c-3-a

_____ CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *6-1-76*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

POTASH

December 13, 1982

Husky Oil Company
6060 South Willow Drive
Englewood, Colorado 80111

RE: Well No. Castledale-Denison #1
NENW Sec. 10, T.19S, R.8E
Emery County, Utah

Entiremen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

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

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

OR

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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

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

The API number assigned to this well is 43-015-30144.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Enclosure



Husky Oil Company

6060 South Willow Drive
Englewood, CO 80111
(303) 850-1100

December 9, 1982

Mr. Cleon Feight
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Application for Exception
Location
Pursuant to Rule C-3(c)
Castledale-Denison #1
Emery County, Utah

Dear Mr. Feight:

In accordance with Rule C-3(c) of the Rules and Regulations of the Division of Oil, Gas and Mining, Husky Oil Company hereby applies for an Exception Location for the Castledale-Denison #1 located in Township 19 South, Range 8 East, Section 10: NW $\frac{1}{4}$ (660' FNL & 1,818' FWL).

This Exception is necessary due to topographical conditions.

There are no other owners of oil and gas leases within 660 feet of the proposed drillsite; plats of the drillsite and surrounding area are enclosed.

Please direct your reply to my attention at the letterhead address. Thanks very much.

Sincerely,

Karen G. Ball

Karen G. Ball
Landman

RECEIVED
DEC 15 1982

KGB:mqg
Enclosures

DIVISION OF
OIL, GAS & MINING



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

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

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

March 10, 1983

Husky Oil Company
6060 South Willow Drive
Englewood, Colorado 80111

Re: Well No. Brooks Canyon Fed # 11-26
Sec. 26, T. 12S, R. 6E.
Carbon County, Utah

Well No. Clay Basin Federal # 7-3
Sec. 3, T. 2N, R. 24E.
Daggett County, Utah

Well No. Castledale-Denison # 1
Sec. 10, T. 19S, R. 8E.
Emery County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf



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

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

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

March 10, 1983

RECEIVED
MAR 15 1983

PRODUCTION-DENVER

Husky Oil Company
6060 South Willow Drive
Englewood, Colorado 80111

#11-26 FEDERAL BROOKS CANYON
APTD still pending w/USFS. Have applied
for unimproved access road permit.
Drlg restricted to 6/1--11/1.

#7-3 FEDERAL CLAY BASIN
Drlg restricted to 6/15--11/1.
Expect to drill this summer.

#1 CASTLEDALE-DENISON
Expect to spud before April 30, 1983.

Re: Well No. Brooks Canyon Fed # 11-26
Sec. 26, T. 12S, R. 6E.
Carbon County, Utah

Well No. Clay Basin Federal # 7-3
Sec. 3, T. 2N, R. 24E.
Daggett County, Utah

Well No. Castledale-Denison # 1
Sec. 10, T. 19S, R. 8E.
Emery County, Utah

Gentlemen:

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Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Carl Furse

10- Carl Furse
Well Records Specialist

Vera Chandler

HUSKY OIL COMPANY
Vera Chandler
Assoc. Environmental Analyst

RECEIVED
MAR 16 1983

CF/cf

DIVISION OF
OIL, GAS & MINING

3/16/83

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR HUSKY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 6060 S. Willow Drive, Englewood, Colorado 80111		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 656' FNL & 1818' FWL, NE 1/4 NW 1/4		8. FARM OR LEASE NAME Denison	
14. PERMIT NO. 43-015-30144		9. WELL NO. CASTLEDALE-DENISON #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5597' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Section 10, T19S, R8E	
		12. COUNTY OR PARISH Emery	13. STATE Utah

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

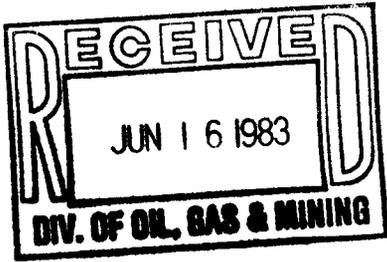
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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

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

Husky Oil Company requests permission to change the change the BOP specifications to: 2000 psi Working Pressure Preventer Stack and 2000 psi Working Pressure Choke Manifold for the referenced well.

Diagrams are attached.



APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/20/83
[Signature]

2100' Dakota test ; objective Ferron Fm.

18. I hereby certify that the foregoing is true and correct
SIGNED *Vera Chandler* TITLE Associate Environmental Analyst DATE June 14, 1983

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CLASS I SYSTEM
2000 PSI WORKING PRESSURE PREVENTER STACK

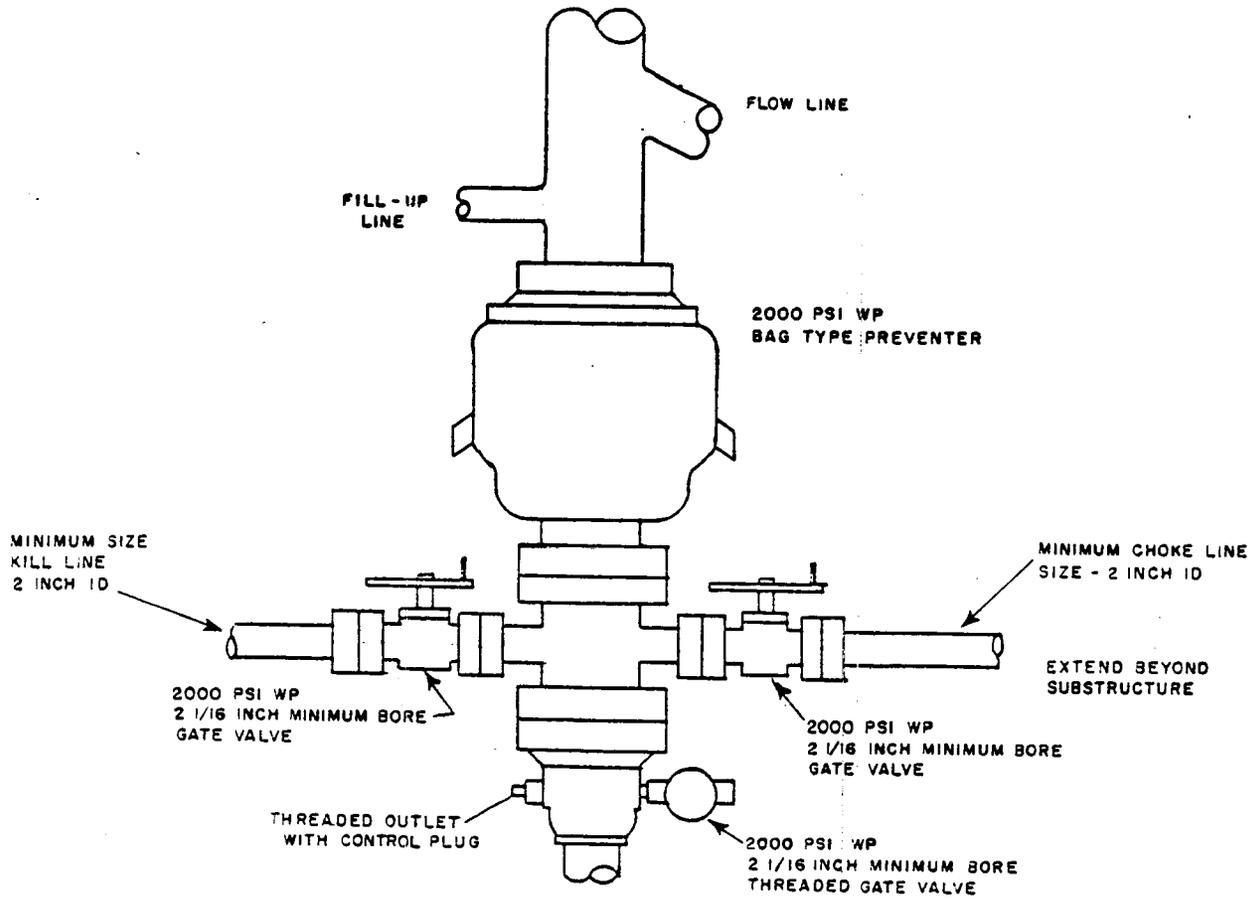
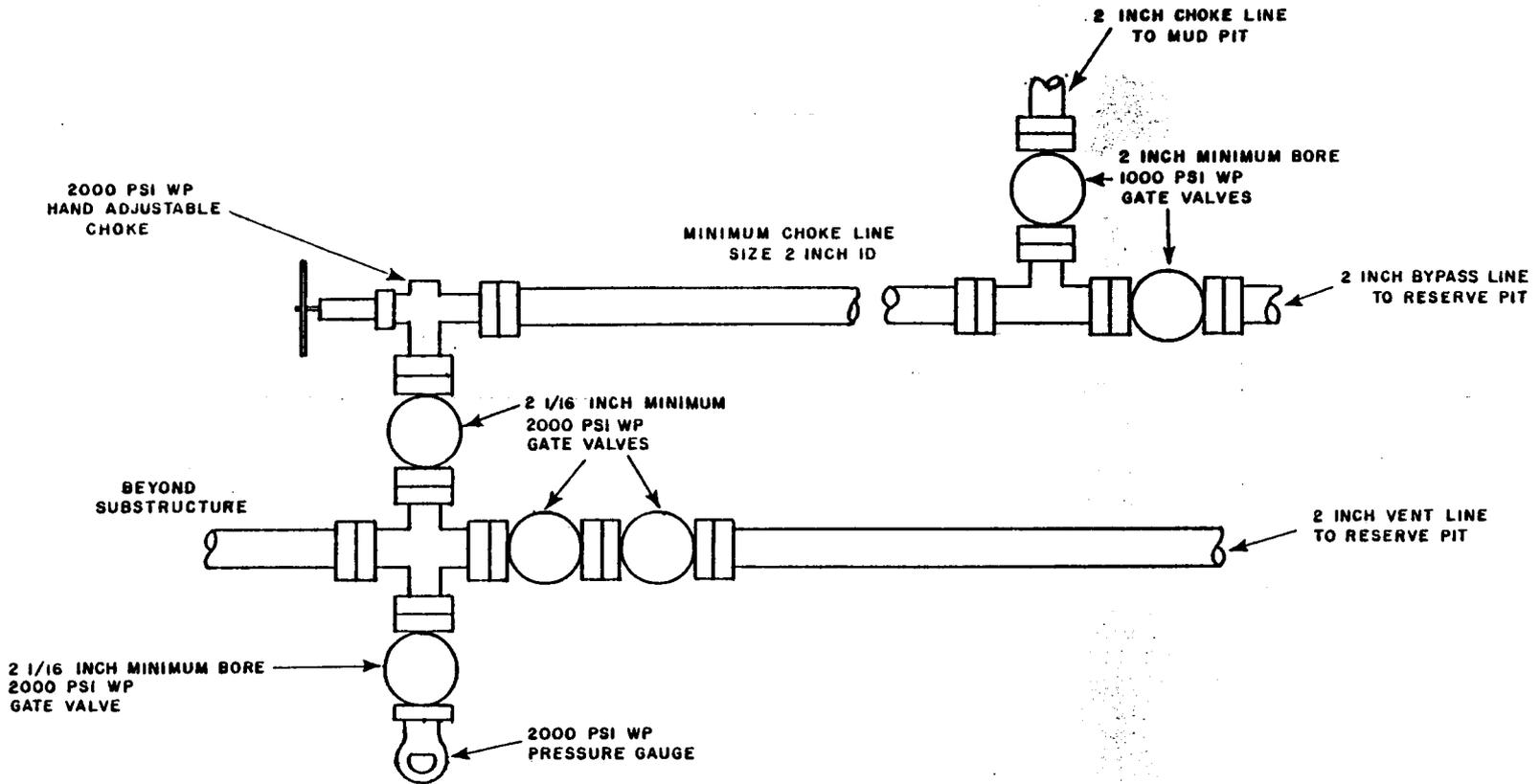


FIGURE 4.81-1



**CLASS I SYSTEM
2000 PSI WORKING PRESSURE CHOKE MANIFOLD
MINIMUM REQUIREMENTS**

FIGURE 4.81-3

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR HUSKY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 6060 S. Willow Drive, Englewood, Colorado 80111		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 656' FNL & 1818' FWL, NE $\frac{1}{4}$ NW $\frac{1}{4}$		8. FARM OR LEASE NAME Denison
14. PERMIT NO. 43-015-30144		9. WELL NO. CASTLEDALE-DENISON #1
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5597' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 10, T19S, R8E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

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

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

Spud @ 5:15 p.m. July 16, 1983.

Ran 5 jts 8-5/8", 24#, J-55, ST&C csg. Set @ 211' KB.
Cmt'd w/150 sx Class "G" + 2% CaCl₂ + 1/4 pps Celoflake. Circulated to surface.
Plug down @ 3:40 p.m. July 17, 1983.

18. I hereby certify that the foregoing is true and correct
 SIGNED Vera Chandler TITLE Associate Environmental Analyst DATE July 22, 1983
 Vera Chandler 303/850-1462

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator HUSKY OIL COMPANY Representative TERRY GUILLORY

Well No. CASTLEDALE- DENISON # 1 Location NE 1/4 NW 1/4 Section 10 Township 19S Range 8E

County EMERY COUNTY Field WILDCAT State UTAH

Unit Name and Required Depth FEE LAND Base of fresh water sands _____

T.D. 1088' Size hole and Fill per sack _____ " _____ Mud Weight and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>8 5/8"</u>	<u>211'</u>	_____	_____	<u>1) At top of Dakota-</u>	_____	<u>100' plug</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>2) At shoe of surface casing- 50' in & 50' out of shoe</u>	_____	_____
<u>Ferron</u>	<u>127'</u>	_____	_____	_____	_____	_____
<u>2nd</u>	<u>252'</u>	_____	_____	<u>3) 10 sks @ surface w/ marker</u>	_____	_____
<u>3rd</u>	<u>368'</u>	_____	_____	_____	_____	_____
<u>Tunuck</u>	<u>413'</u>	_____	_____	_____	_____	_____
<u>Dakota</u>	<u>926'</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Tested, poor porosity

Approved by R. J. Firth Date 7-22-83 Time _____ a.m. p.m.

7-20-83- presently logging, will call for final P & A instructions.

GEOLOGICAL WELL REPORT

HUSKY OIL COMPANY
Castledale-Denison No. 1
Section 10, T19S, R8E
Emery County, Utah

PREPARED BY: J. J. Haverfield
P.G.S., Inc.
235 N. Wolcott, #12
Casper, Wyoming 82601
PH: 307-266-1276

RECEIVED

JUL 27 1983

DIVISION OF
OIL GAS & MINING

WELL DATA

OPERATOR: Husky Oil Company
WELL NAME: Castledale-Denison No. 1
LOCATION: 656' FNL, 1818' FWL, Section 10, T19S, R8E
COUNTY: Emery
STATE: Utah
ELEVATION: 5597' GL, 5608.5 K.B.
DRILLING FOREMAN: Chet Baker
CONTRACTOR: CRC Colorado Well, Inc., Rig No. 66
TOOLPUSHER: Bud Rasmussen
DRILLERS: Ron Kilfoy, Choya Umberger
DRAW WORKS: Rocket truck mounted
PUMPS: NO. 1 Ellis Williams 600
DRILL PIPE: 5 1/2" regular
DRILL COLLARS: 6" X0
MUD COMPANY: H & W Drilling Fluids Inc.
MUD ENGINEER: Jerry Rose
DRILLING FLUID: Native to 217', Gel chemical to T.D.
TEST COMPANY NO. 1: DST No. 1-Johnston Testers, Steve Smith
TEST COMPANY NO. 2: DST No. 2-Lynes, Jack Zimmerman, Steve McKinney
INTERVALS TESTED: 941-1088
ELECTRICAL LOGGING: Schlumberger Well Logging, Vernal, Utah
LOGGING ENGINEER: Bill Heiam
SURVEYS RUN: DLL-MSFL, FDC-CNL, and Cyberlook
MUD LOGGING: Baroid Logging Systems

WELL DATA
PAGE 2

LOGGERS: Norm Aurich and Vic Crane

CASING: 5 joints plus 12' pup joint of 8 5/8" cemented
at 212'.

CEMENTERS B.J. Hughes Inc.

HOLE SIZE: 12 1/4" to 212', 7 7/8" to T.D.

SAMPLES: 10' from 220' to T.D.

SAMPLE DISPOSITION: Sent to Husky Oil Co., Denver, CO

COMMENCED: 7/16/83

COMPLETED: 7/23/83

STATUS: Plugged and Abandoned

TOTAL DEPTH: 1088 Driller, 1086 Logger

DAILY WELL HISTORY

DATE	DEPTH	OPERATION	PROGRESS	REMARKS
7/16/83		Spudded at 5:15 PM		
7/17/83	212'	Pulling casing	212'	Casing would not go to bottom
7/18/83	212'	Drilling cement	0'	Ran casing after 3 attempts
7/19/83	557'	Drilling	345'	
7/20/83	1,088'	Circulating for logs	531'	
7/21/83	1,088'	Running DST No. 1	0'	
7/22/83	1,088'	Running DST No. 2	0'	DST No. 1 Misrun tools failed
7/23/83	1,088'	Plugged & Abandoned	0'	

GEOLOGICAL SUMMARY

This well was drilled on a geological structure. The Ferron Sandstone was actually 1000 feet higher than anticipated. The Ferron had good mud gas shows (as high as 130 units of gas with C1 through C4 present) but appeared tight. The porosity was confirmed by logs with a density porosity of 5%. The Dakota sandstone had a 40 unit gas increase and appeared tight by examination. Density log indicated an average of 10% porosity and the FDC-CNL had a good cross over indicating gas. A D.S.T. of the Dakota sand recovered only mud with no gas. The Ferron and Dakota are considered to be fully evaluated and no recoverable hydrocarbons are present. It was recommended that the well be plugged and abandoned.

FORMATION TOPS

FORMATION	SAMPLE DEPTH	LOG DEPTH	LOG K.B. DATUM
TOP FERRON	-----	127'	+5481
2ND FERRON SAND	250'	252'	+5356
3RD FERRON SAND	370'	368'	+5240
TUNUNK SHALE	590'	413'	+5185
DAKOTA SAND	930'	926'	+4682
MORRISON	-----	1,075'	+4533
TOTAL DEPTH	1,088'	1,086'	

NOTE: The actual top of the Ferron is a thin (5') sand which was behind surface casing. The Morrison wasn't recognized in samples but plots by electrical logs to 1075'.

BIT RECORD

NUMBER	MAKE	SIZE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	Hughes	12 1/4	OSC1GJ	217'	217'	7
2	Reed	7 7/8	HS-51	1,088'	876'	38 3/4

DEVIATION SURVEYS

NUMBER	DEPTH	DEVIATION	KIND
1	90'	1/2°	WIRELINE
2	180'	1/2°	WIRELINE
3	241'	1°	WIRELINE
4	734'	1°	WIRELINE
5	1,040'	2 1/2°	DROPPED

MUD RECORD

DATE	DEPTH	WT.	VIS.	pH	WATER LOSS	FILTER CAKE	CUMULATIVE COSTS
7/16/83	20'	8.4	28	10.0			\$ 275.00
7/18/83	214'	8.5	38	10.5	12	2/32	\$ 1,295.00
7/19/83	553'	9.0	38	10.5	10.8	2/32	\$ 1,612.00
7/20/83	1,088'	9.0	39	9.5	----	2/32	\$ 2,635.00
7/21/83	1,088'	9.0	38	9.5	8.0	2/32	\$ 2,635.00

SAMPLE DESCRIPTION

- 200-230 Shale, dark gray, micaceous, silty, firm.
- 230-240 Siltstone, medium to dark gray, black grains; Some Shale, as above.
- 240-250 Shale, dark gray, very silty, micaceous, slightly calcareous, blocky, firm.
- 250-260 Sandstone, light gray, very fine grained, subrounded, clear quartz grains, scattered black grains, fair sorting, calcareous cement, firm, tight, no fluorescence, maximum 90 units of total gas mostly methene.
- 260-320 Siltstone, dark gray, Sandy, firm.
- 320-340 Sandstone, light gray, very fine grained, subangular grains, fair sorting, calcareous cement, firm, tight, bright gold fluorescence, slow streaming cut, no stain. Total gas units 128, C1-1.95, C2-7, C3-6, C4-4.
- 340-370 Shale, dark gray, silty and sandy, micaceous, slightly calcareous, blocky, firm.
- 370-400 Sandstone, light gray to white, very fine grained, subangular quartz grains, clean, calcareous cement, clayfilled, firm, tight, no stain, fluorescence or cut, 123 units of total gas, C1-1.6, C2-31, C3-35, C4-24.
- 400-450 Siltstone, dark gray, sandy, firm.
- 450-520 Shale, dark gray, silty, micaceous, slightly calcareous, blocky, firm.
- 520-570 Siltstone, dark gray, sandy, firm to hard.
- 570-590 Sandstone, light gray, very fine grained, subangular grains, fair sorting, occasional black grains, calcareous cement, clayfilled, firm, tight, no fluorescence cut or stain, 320 units of total gas C1-5.1, C2-1.2, C3-1.4, C4-.56.
- 590-880 Shale, dark gray, silty, micaceous, bedded to blocky, slightly calcareous, firm; carrying 300 units of back-ground gas.
- 880-890 Coal, black, luster, firm.
- 890-930 Claystone, blue gray, soft to firm, pelletal, calcareous.

SAMPLE DESCRIPTIONS
PAGE 2

- 930-970 Sandstone, white to light gray, very fine grained, sub-angular grains, clean, clay filled, tight, no show; interbedded Shale, dark gray, micaceous, silty, blocky; Some Bentonite, light gray.
- 970-980 Shale, white, light gray, borders on claystone, soft to firm, massive, calcareous; Limestone, brownish gray, cryptocrystalline, firm.
- 980-1000 Shale, medium gray, massive, firm.
- 1000-1010 Claystone, greenish gray, firm.
- 1010-1040 Shale, medium gray, massive, clayey, firm.
- 1040-1050 Shale, greenish gray, brownish gray, brown, silty, firm, massive.
- 1050-1060 Sandstone, white, very fine grained, subangular grains, clean, very calcareous, hard, tight, no show.
- 1060-1088 Shale, as above with Sandstone, as above.

DRILL STEM TEST

D.S.T., NO. 1

FORMATION: Dakota Sandstone
INTERVAL: 941'-1088'
TESTING COMPANY: Johnston Tester, Rock Springs, WY, Steve Smith
RAN: Safety Joints, Jars, Packers, Sample Chamber and Perforated Anchor
SET PACKERS AT: 933 to 936 and 938 to 941
INITIAL OPEN: 5 minutes, very weak blow. Bubbled from 1 inch in bucket. Died in 4 1/2 minutes. Dead rest of period.
INITIAL SHUT IN: 60 minutes
FINAL OPEN: 30 minutes, extremely weak blow. Bubbled from surface of water. Died in 1 minute. Dead rest of period.
FINAL SHUT IN: 120 minutes
RECOVERY: 5 feet of drilling mud

PRESSURES

LOWER CHART

INITIAL HYDROSTATIC: 449
INITIAL OPEN: 23 to 23 after 5 minutes
INITIAL SHUT IN: 23 to 71 after 60 minutes
FINAL OPEN: 26 to 15 after 30 minutes
FINAL SHUT IN: 15 to 33 after 120 minutes
FINAL HYDROSTATIC: 433
SAMPLE CHAMBER: contained 2000 cc of drilling mud under 0 psi pressure. No gas.
MUD RESISTIVITY: Not Measured
RECOVERY RESISTIVITY: Not Measured
REMARKS: Final open had abnormal pressure surge. Sample chamber had 0 pressure and should have had some pressure. Test is considered a tool failure

DRILL STEM TEST

D.S.T. NO. 2

FORMATION: Dakota Sandstone
INTERVAL: 941-1088
TESTING COMPANY: Lynes, Inc., Rock Springs, WY
TESTERS: Jack Simmerman and Steve McKinney
RAN: Safety Joint, jars, packers, sample chamber
and perforated anchor
SET PACKERS AT: 932-934 and 936-941
INITIAL OPEN: 5 minutes. Steady weak blow throughout period.
Hose 2 to 3 inches in water
INITIAL SHUT IN: 60 minutes
FINAL OPEN: 30 minutes. Dead throughout period
FINAL SHUT IN: 120 minutes
RECOVERY: 182' of drilling mud with no gas.

PRESSURES

INITIAL HYDROSTATIC: 471
INITIAL OPEN: 106 to 107 after 5 minutes
INITIAL SHUT IN: 106
FINAL OPEN: 106 to 91 after 30 minutes
FINAL SHUT IN: 66
FINAL HYDROSTATIC: 468
SAMPLE CHAMBER: contained 250 cc of drilling mud under 30 psi
pressure. No gas
MUD RESISTIVITY: 10.0 @ 67° F 600 ppm of chlorides
RECOVERY RESISTIVITY: 5.0 @ 65°F 1200 ppm of chlorides
BOTTOM HOLE TEMP.: 71°F
REMARKS: Perforations were 941' to 972'. Charts were good
and test was valid.

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

3
3

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 P&A'd

2. NAME OF OPERATOR
HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR
6060 S. Willow Drive, Englewood, Colorado 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 656' FNL & 1818' FWL, NE 1/4 NW 1/4
 At top prod. interval reported below
 At total depth

14. PERMIT NO. 43-015-30144 DATE ISSUED 12/13/82

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Denison

9. WELL NO.
CASTLEDALE-DENISON #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10, T19S, R8E

12. COUNTY OR PARISH
Emery 13. STATE
Utah

15. DATE SPUDDED 7/16/83 16. DATE T.D. REACHED 7/19/83 17. DATE COMPL. (Ready to prod.) P&A'd 7/22/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5597' GR; 5608' KB 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 1088 MD/TVD 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY → ROTARY TOOLS All CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
P&A'd 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/FDG; BHC; Cyberlook; DLL/MSFL *not released* *Sampled* 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
<u>8-5/8"</u>	<u>24#</u>	<u>211' KB</u>	<u>12-1/4"</u>	<u>150 sx "G" + adds</u>	
<u>**Plugs given below.</u>					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

PERFORATION RECORD (Interval, size and number)
 Plug #1: 875-975' w/40 sx "H"
 #2: 165-265' w/40 sx "H"
 #3: Surface w/10 sx "H" & DH monument.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in)
Plugged & Abandoned

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED Vera Chandler TITLE Associate Environmental Analyst DATE July 29, 1983

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR HUSKY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 6060 S. Willow Drive, Englewood, Colorado 80111		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 656' FNL & 1818' FWL, NE $\frac{1}{4}$ NW $\frac{1}{4}$		8. FARM OR LEASE NAME Denison
14. PERMIT NO. 43-015-30144		9. WELL NO. CASTLEDALE-DENISON #1
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5597' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 10, T19S, R8E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

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

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

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

Verbal approval and instructions to plug and abandon subject well were received from Ron Firth on July 22, 1983 at 5:00 p.m.

Plugged well as follows: Plug #1 - 875-975' w/40 sx Class "H"
Plug #2 - 165-265' w/40 sx Class "H"
Plug #3 - Surface w/10 sx Class "H"

Installed dry hole monument.

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

18. I hereby certify that the foregoing is true and correct
SIGNED Vera Chandler TITLE Assoc. Environmental Analyst DATE July 29, 1983
Vera Chandler 303/850-1462

(This space for Federal or State office use)

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

DRILL STEM TEST

D.S.T., NO. 1

FORMATION: Dakota Sandstone
INTERVAL: 941'-1088'
TESTING COMPANY: Johnston Tester, Rock Springs, WY, Steve Smith
RAN: Safety Joints, Jars, Packers, Sample Chamber and Perforated Anchor
SET PACKERS AT: 933 to 936 and 938 to 941
INITIAL OPEN: 5 minutes, very weak blow. Bubbled from 1 inch in bucket. Died in 4 1/2 minutes. Dead rest of period.
INITIAL SHUT IN: 60 minutes
FINAL OPEN: 30 minutes, extremely weak blow. Bubbled from surface of water. Died in 1 minute. Dead rest of period.
FINAL SHUT IN: 120 minutes
RECOVERY: 5 feet of drilling mud

PRESSURES

LOWER CHART

INITIAL HYDROSTATIC: 449
INITIAL OPEN: 23 to 23 after 5 minutes
INITIAL SHUT IN: 23 to 71 after 60 minutes
FINAL OPEN: 26 to 15 after 30 minutes
FINAL SHUT IN: 15 to 33 after 120 minutes
FINAL HYDROSTATIC: 433
SAMPLE CHAMBER: contained 2000 cc of drilling mud under 0 psi pressure. No gas.
MUD RESISTIVITY: Not Measured
RECOVERY RESISTIVITY: Not Measured

REMARKS: Final open had abnormal pressure surge. Sample chamber had 0 pressure and should have had some pressure. Test is considered a tool failure

DRILL STEM TEST

D.S.T. NO. 2

FORMATION: Dakota Sandstone
INTERVAL: 941-1088
TESTING COMPANY: Lynes, Inc., Rock Springs, WY
TESTERS: Jack Simmerman and Steve McKinney
RAN: Safety Joint, jars, packers, sample chamber
and perforated anchor
SET PACKERS AT: 932-934 and 936-941
INITIAL OPEN: 5 minutes. Steady weak blow throughout period.
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PRESSURES

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INITIAL OPEN: 106 to 107 after 5 minutes
INITIAL SHUT IN: 106
FINAL OPEN: 106 to 91 after 30 minutes
FINAL SHUT IN: 66
FINAL HYDROSTATIC: 468
SAMPLE CHAMBER: contained 250 cc of drilling mud under 30 psi
pressure. No gas
MUD RESISTIVITY: 10.0 @ 67° F 600 ppm of chlorides
RECOVERY RESISTIVITY: 5.0 @ 65°F 1200 ppm of chlorides
BOTTOM HOLE TEMP.: 71°F
REMARKS: Perforations were 941' to 972'. Charts were good
and test was valid.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number CASTLEDALE-DENISON #1
Operator HUSKY OIL COMPANY Address 6060 S. Willow Drive, Englewood, CO 80111
Contractor CRC COLORADO WELL, INC. Address Rangely, CO 81648
Location NE 1/4 NW 1/4 Sec. 10 T. 19S R. 8E County Emery

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No water sands capable of producing fluids were encountered.</u>			
2.	_____			
3.	_____			
4.	_____			
5.	_____			

(Continue of reverse side if necessary)

<u>Formation Tops</u>	Ferron: 127' - 1st SS	Tununk: 590'
	250' - 2nd SS	Dakota: 930'
	370' - 3rd SS	

Remarks All sands were tite & no water flows were reported.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Vera Chandler *yc.*
July 29, 1983



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

November 5, 1983

Husky Oil Company
6060 South Willow Drive
Englewood, Colorado 80111

RE: Well No. Castledale Denison #1
API # 43-015-30144
Sec. 10, T. 19S, R. 8E
Emery County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office July 29, 1983 from the above referred to well, indicates the following electric logs were run: CNL/FDC, BHC, Cyberlook, DLL/MSFL. As of today's date, this office has not received these logs: CNL/FDC, BHC, Cyberlook, DLL/MSFL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Claudia Jones
Well Records Specialist

CJ/cj



Husky Oil Company

6060 South Willow Drive
Englewood, Colorado 80111
(303) 850-1100

November 18, 1983

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

RECEIVED
NOV 21 1983

Re: Well - **Castledale #1**
API #43-015-30144
Sec 10, T19S-R8E
Emery County, Utah

*file
make notation
on WC*

DIVISION OF
OIL, GAS & MINING

Dear Ms. Jones

Enclosed are the logs from the above-mentioned well; BHC, CNL/FDC, DLL/MSFL. The Company does not release the Cyberlook log.

Please acknowledge receipt of the logs by signing the copy of this letter and returning it addressed to my attention.

Sincerely yours

Kyle C. Caffey
Senior Exploration Geologist

KCC:jw

enc.

WELL DATA

FIELD CASTLE DALL SEC. 10 TWP. 19S RING. 8E COUNTY C. MORGAN STATE UTAH

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 7/8	0	420	
LINER						
TUBING						
OPEN HOLE			12 1/4	0	430	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-12-94</u>	DATE <u>9-12-94</u>	DATE <u>9-13</u>	DATE <u>9-13-94</u>
TIME <u>0800</u>	TIME <u>2200</u>	TIME <u>0349</u>	TIME <u>0510</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>8 7/8</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS <u>8 7/8 x 12 1/4</u>	<u>5</u>	<u>BOF</u>
BOTTOM PLUG		
TOP PLUG <u>8 7/8</u>	<u>1</u>	<u>WOODEN</u>
HEAD <u>8 7/8</u>	<u>1</u>	<u>KABC</u>
PACKER		
OTHER <u>9 7/8 CLAMP</u>	<u>1</u>	<u>AOT</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J DIRZWEIT</u>	<u>40981</u> <u>PH</u>	<u>VERNAL</u>
<u>R HARDINGER</u>	<u>7060</u> <u>PCO</u>	<u>"</u>
<u>J JACKSON</u>	<u>PCO</u>	<u>"</u>
<u>V SIMMONS</u>	<u>3760</u> <u>PH</u>	<u>"</u>
<u>T LEVERTON</u>	<u>7645</u> <u>BULK</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT 5001
 DESCRIPTION OF JOB CONT 8 7/8 SURFACE CSG
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X [Signature]
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>290</u>	<u>TYPE V</u>	<u>MG</u>	<u>B</u>	<u>2% CAC, 1/4 #/sk PROCCG</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

PRESLUSH: BBL. 35 TYPE FRESH
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 24
 CEMENT SLURRY: BBL.-GAL. 61
 TOTAL VOLUME: BBL.-GAL. 120

REMARKS

SEE JOB LOG

CUSTOMER PASS OPER & MIN
 LEASE CLAUSON
 WELL NO. 1
 JOB TYPE 2 7/8 SURFACE
 DATE 8-12-94