



CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

18 March, 1991

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING

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

Ref: Application for Permit to Drill
North Heron-35C Well, San Juan County, Utah

Gentlemen

Attached for your examination and approval is the original and two copies of an Application for Permit to Drill the North Heron Well No. 35C in San Juan County, Utah. This well will be drilled as part of an ongoing exploration and development program.

The location for this well falls outside the guidelines for the State of Utah spacing requirements. However, archaeological concerns and the presence of a nearby road preclude the well being located in accordance with State requirements and yet remain in a position which will allow the well bore to penetrate geological structures which have been identified by seismic interpretation. We therefore apply for an exception to the General State Spacing requirements on these grounds. Chuska Energy controls the acreage surrounding the proposed site, as indicated on the attached land plat.

Please advise if you require additional information concerning this application. Chuska Energy will greatly appreciate your prompt consideration.

Sincerely,

Larry G. Sessions
Operations Manager

LGS/csw
File: C:\WP51\NHERON.35C\APDCOVER

encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
 Chuska Energy Company

3. ADDRESS OF OPERATOR
 3315 Bloomfield Highway, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At Surface 900' FNL, 2485' FWL
 At proposed prod. zone Same *NEW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 4 miles Southeast of Aneth, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 815

16. NO. OF ACRES IN LEASE
 49,997

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2608'

19. PROPOSED DEPTH
 5800 KB *AKAH*

21. ELEVATIONS (Show whether DF, AT, GR, etc.)
 4,747' GR / 4,760' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SITTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 lb	500'	371 sx 'G' + 2% CaCl ₂
7 7/8"	5 1/2"	15.5 lb	5,800'	806 sx 'G', 65:35 Poz + 6% Gel

5. LEASE DESIGNATION AND SERIAL NO.
 NOG 8702-1116
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Navajo Tribal
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 North Heron
 9. WELL NO.
 35C
 10. FIELD AND POOL, OR WILDCAT
Wildcat Undesignated
 11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
 S35 T41S R25E
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 Utah

Refer to attached 10-Point Drilling Plan etc.

RECEIVED

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DIVISION OF
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *Christopher Hill* TITLE Operations Engineer DATE 15 March, 1991

(This space for Federal or State office use)

PERMIT NO. 43-037-316116 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

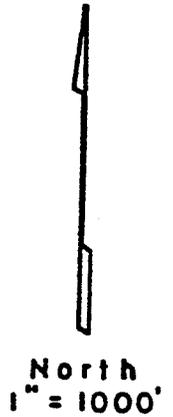
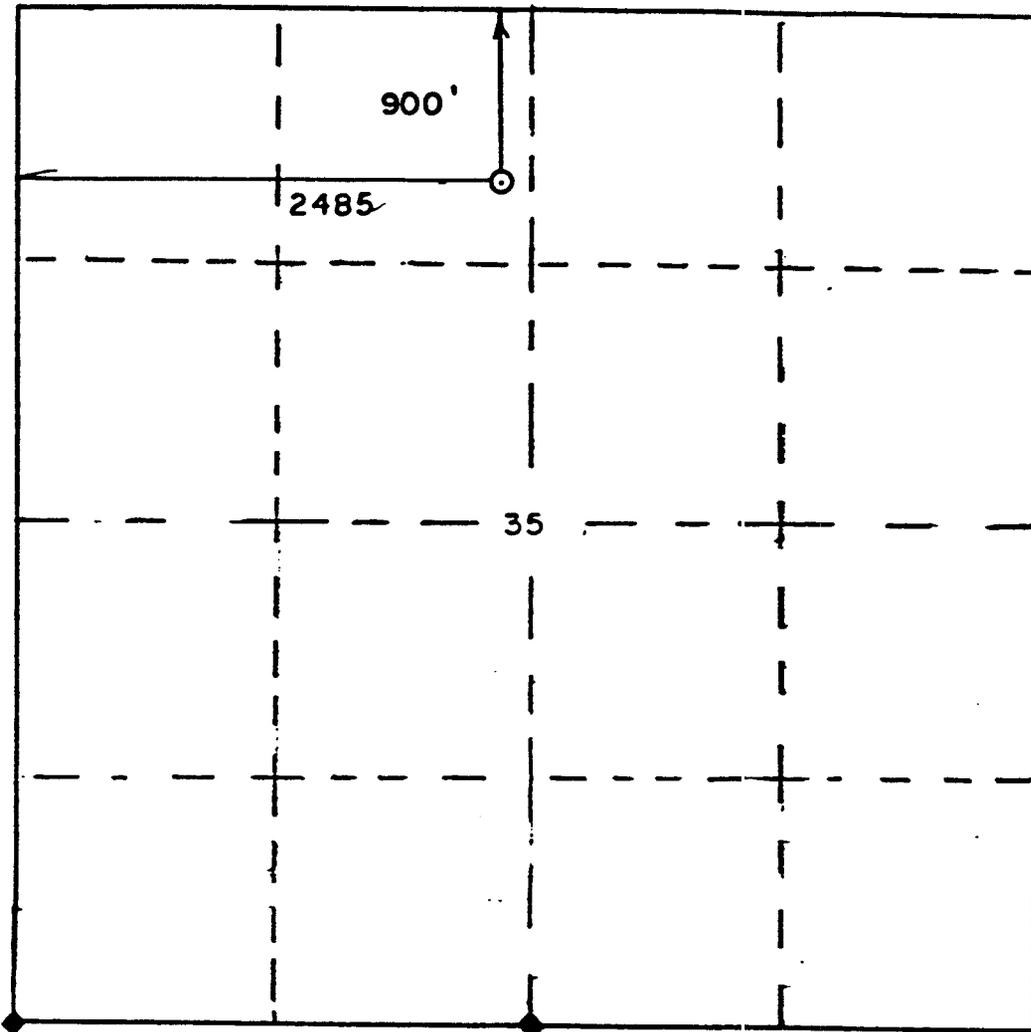
APPROVED BY _____ TITLE _____ DATE: 3-29-91

CONDITIONS OF APPROVAL, IF ANY:

*(See Instructions On Reverse Side)

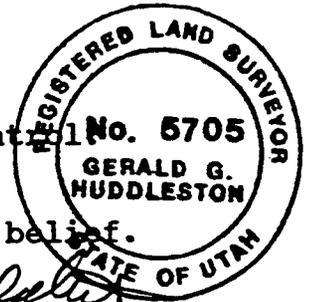
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as well as to furnish any information in a false, fictitious or fraudulent manner.

WELL LOCATION PLAT



WELL LOCATION DESCRIPTION:

CHUSKA ENERGY CO., North Heron 35 - C
900' FNL & 2485' FWL
Section 35, T.41 S., R.25 E., SLM
San Juan County, UT
4747' ground elevation
State plane coordinates from seismic control
X = 2,686,640 Y = 196,882



The above is true and correct to my knowledge and belief.

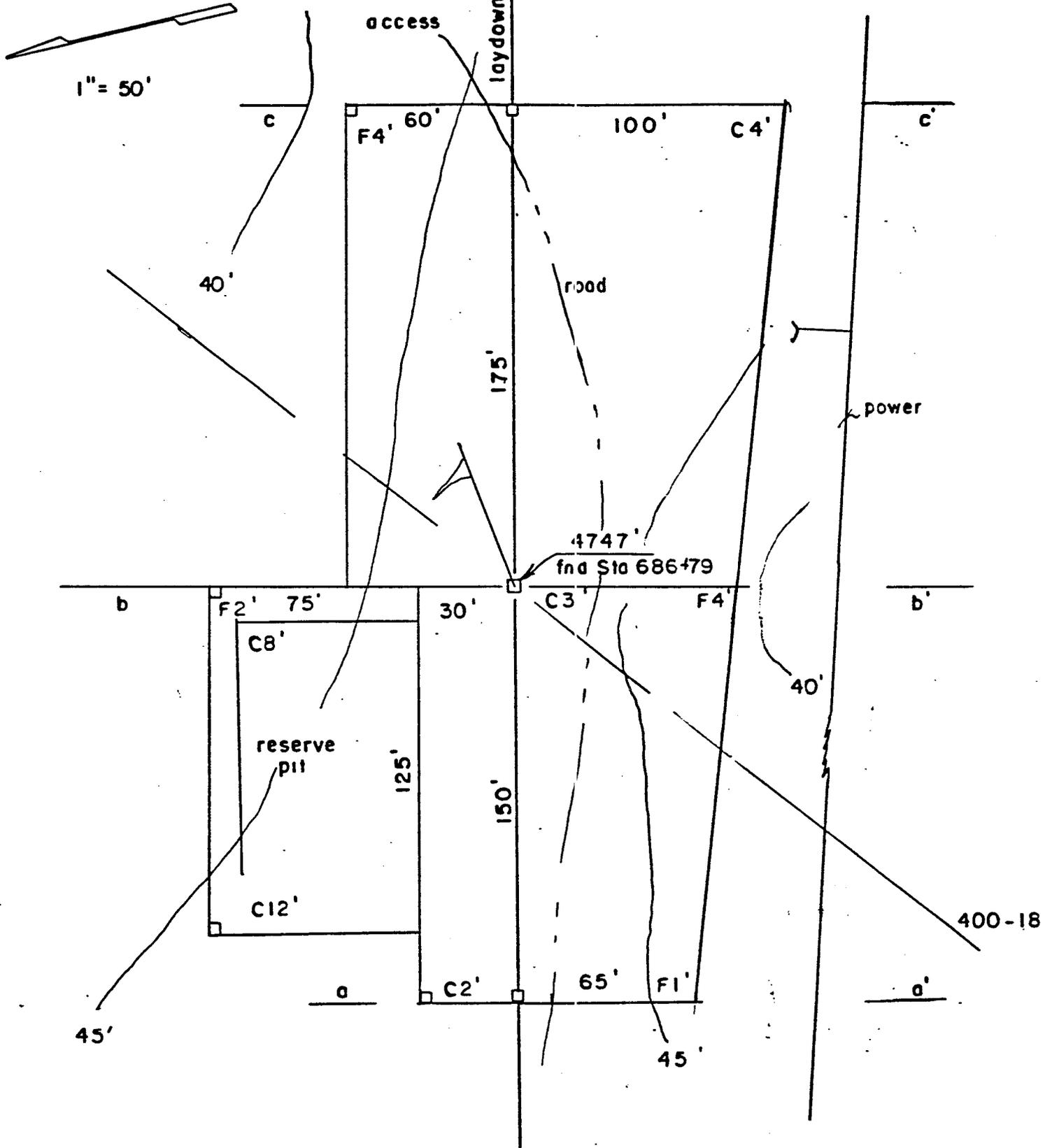
4 March 1991

Gerald G. Huddleston
Gerald G. Huddleston, LS

North Heron 35 - C

S 85° E

1" = 50'

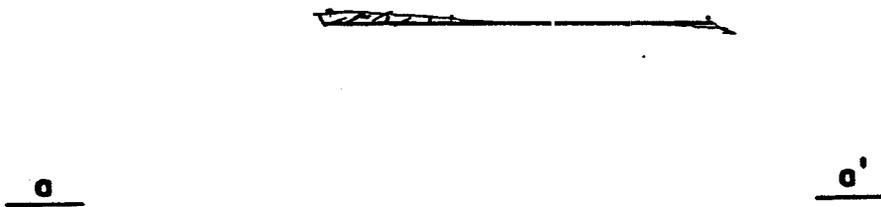
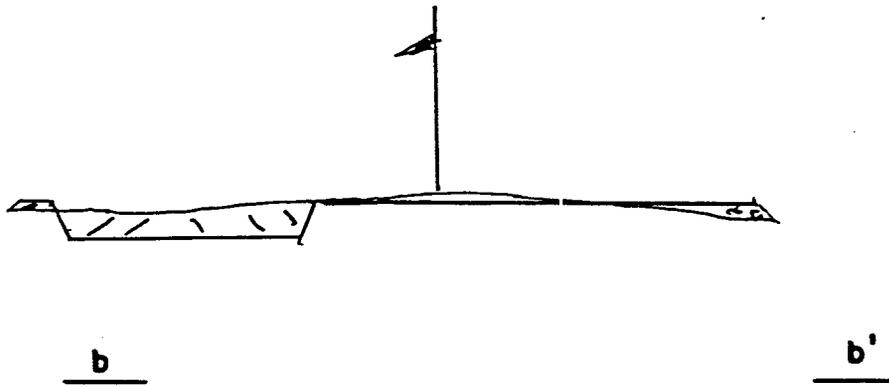


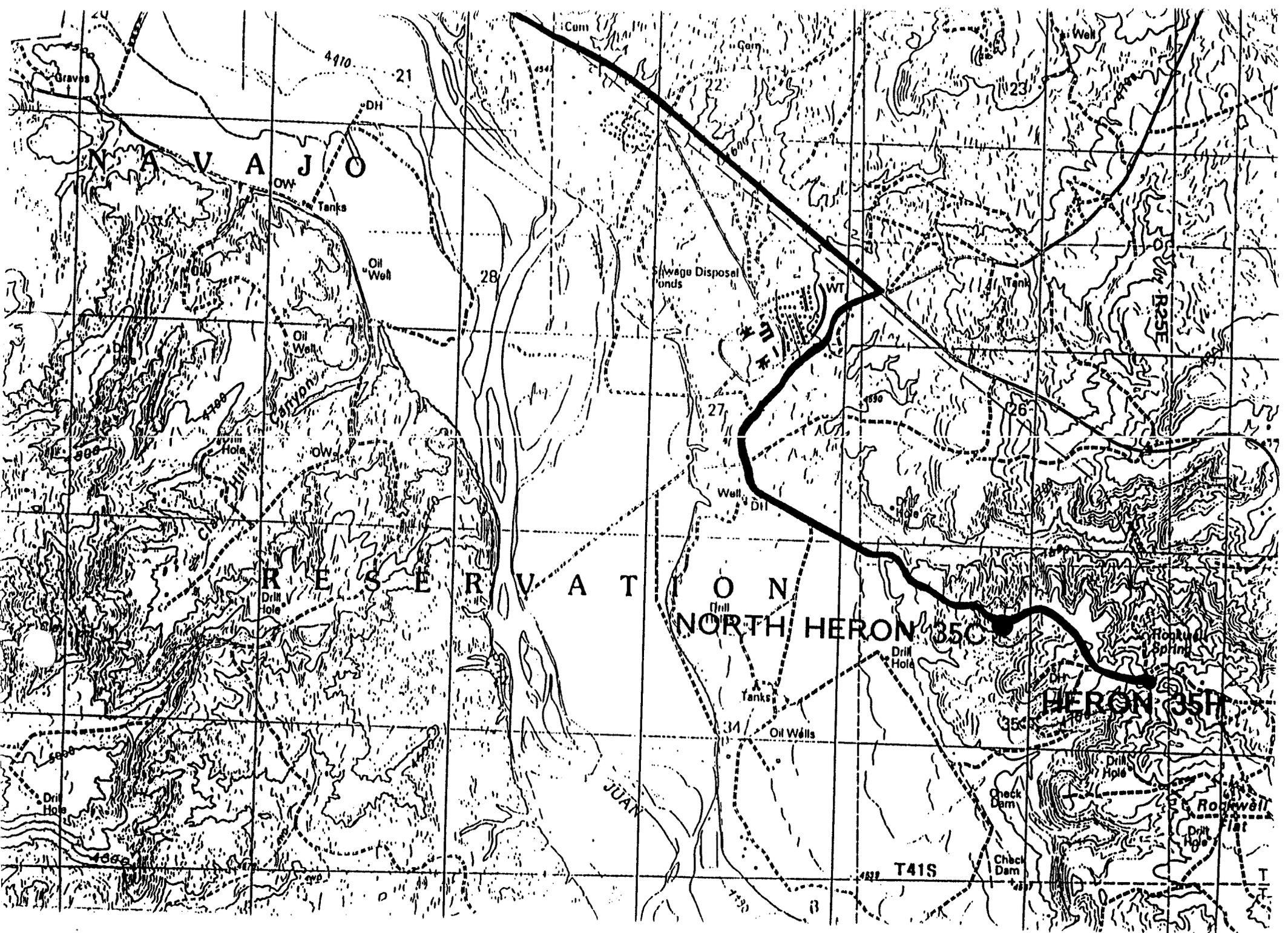
CROSS SECTION

North Heron 35 - C

Cut // // // //
Fill ← →

1"=50' vert. & horz.





CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

North Heron Well No. 35C
Section 35, Township 41S, Range 25E
900' FNL, 2485' FWL
San Juan County, Utah

1. SURFACE FORMATION

Geological name of surface formation: Morrison

2. ELEVATION

Surface elevation is 4,747' GR / 4,760' KB.

3. ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea</u> <u>Elevation</u>	
Surface	Morrison	+ 4,760'	
820'	Navajo	+ 3,940'	
1,570'	Chinle	+ 3,190'	
2,710'	DeChelly	+ 2,050'	
2,860'	Organ Rock	+ 1,900'	
3,485'	Cedar Mesa	+ 1,275'	
4,557'	Hermosa	+ 203'	
5,404'	Upper Ismay	- 644'	
5,509'	Lower Ismay	- 749'	Secondary Objective
5,578'	Desert Creek	- 818'	Primary Objective
5,760'	Akah	- 1,000'	
5,800'	Total Depth	- 1,040'	

4. PROPOSED CASING/CEMENTING PROGRAM

	<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
Surface	500'	8 5/8"	24 lb	K-55	STC
Production:	5,800'	5 1/2"	15.5 lb	K-55	STC

Surface Cementing:

371 sx (427 ft³) Class 'G' cement with 2% CaCl₂ and 1/4 lb/sk Celloflake. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Slurry volume calculated at 100% excess over annular volume.

Production Cementing:

First Stage

T.D. to 3,500' (stage collar @ \pm 3,500'). Lead with 171 sx Class 'G' cement, 65:35 Pozmix, with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 180 sx Class 'G' cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 524 ft³. Bring Class 'G' slurry to 500' above top of Upper Ismay. Cement volumes calculated at 30% excess in open hole. WOC 4 hours between stages.

Second Stage

3,500' to surface. Lead with 355 sx Class 'G' cement, 65:35 Pozmix with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 100 sx Class 'G' cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 772 ft³. Cement volumes calculated at 30% excess in open hole.

Note: Exact slurry volumes for the production string will be adjusted according to the caliper log which will be run prior to cementing. Special adjustments may be necessary if significant amounts of salt are drilled.

5. BLOWOUT PREVENTER (See attached schematics)

As abnormal pressure is not anticipated, a 2,000 psi BOP system would be sufficient for the drilling of this well. However, due to availability constraints, a 3,000 psi system will be used, as per the attached Exhibits "A" and "B". This will be a 10" x 900 Series double ram preventer, equipped with a set of pipe and blind rams.

An accumulator system, with a pressure capacity sufficient to operate the rams three complete cycles without rig power, will be required as part of the rig equipment.

6. PROPOSED MUD PROGRAM

Surface to 3,000'

Fresh water, gel, lime and native solids. Weight 8.3 - 8.7 ppg. Gel/lime sweeps as necessary for hole cleaning.

3,000' to T.D.

Low solids, non-dispersed polymer system. Weight 8.6 - 9.5 ppg. Gel/lime sweeps as hole conditions dictate for hole cleaning. Fluid loss to be maintained at 15 - 20 cc. Fluid loss to be further reduced to 15 cc or less prior to coring, logging or DSTs.

7. AUXILIARY EQUIPMENT

- A. A kelly cock will be installed during drilling operations, with handle available on the rig floor.
- B. Floor (stabbing) valves will be available, on the rig floor at all times, with necessary subs to fit all of the drilling assemblies.
- C. Mud will be the circulating fluid. No abnormal formation pressures are expected.

8. WELL EVALUATION

Open hole electric logging program will consist of a minimum program of DLL-MSFL-SP-GR-Cal, FDC-CNL-GR-Lithodensity from T.D. to 4,500'.

Coring and/or drill stem testing will be as per the wellsite geologist's recommendations, based on shows. A mud logging unit will be utilized during drilling operations from at least 500' above the Upper Ismay.

9. ABNORMAL PRESSURES/GAS

Abnormal pressures are not anticipated. Monitoring of gas and hydrocarbon shows will be by wellsite mud logging unit. H₂S gas is not anticipated, however regular checks will be made while drilling the well.

10. TIMING

The drilling and evaluation of this well is estimated to be 18 days. Anticipated spud date is 8-31-91.

EXHIBIT "A" BLOWOUT PREVENTER

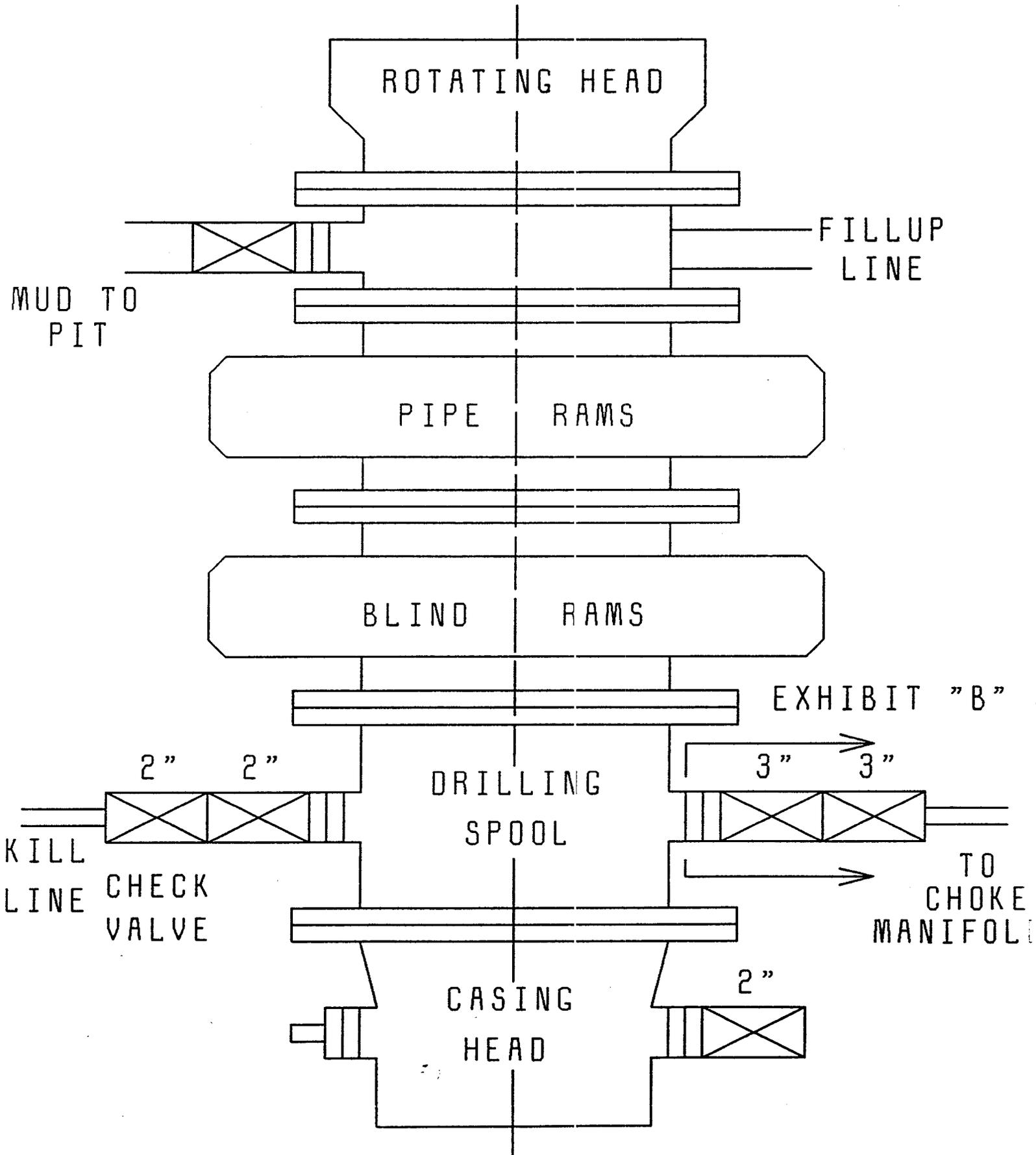
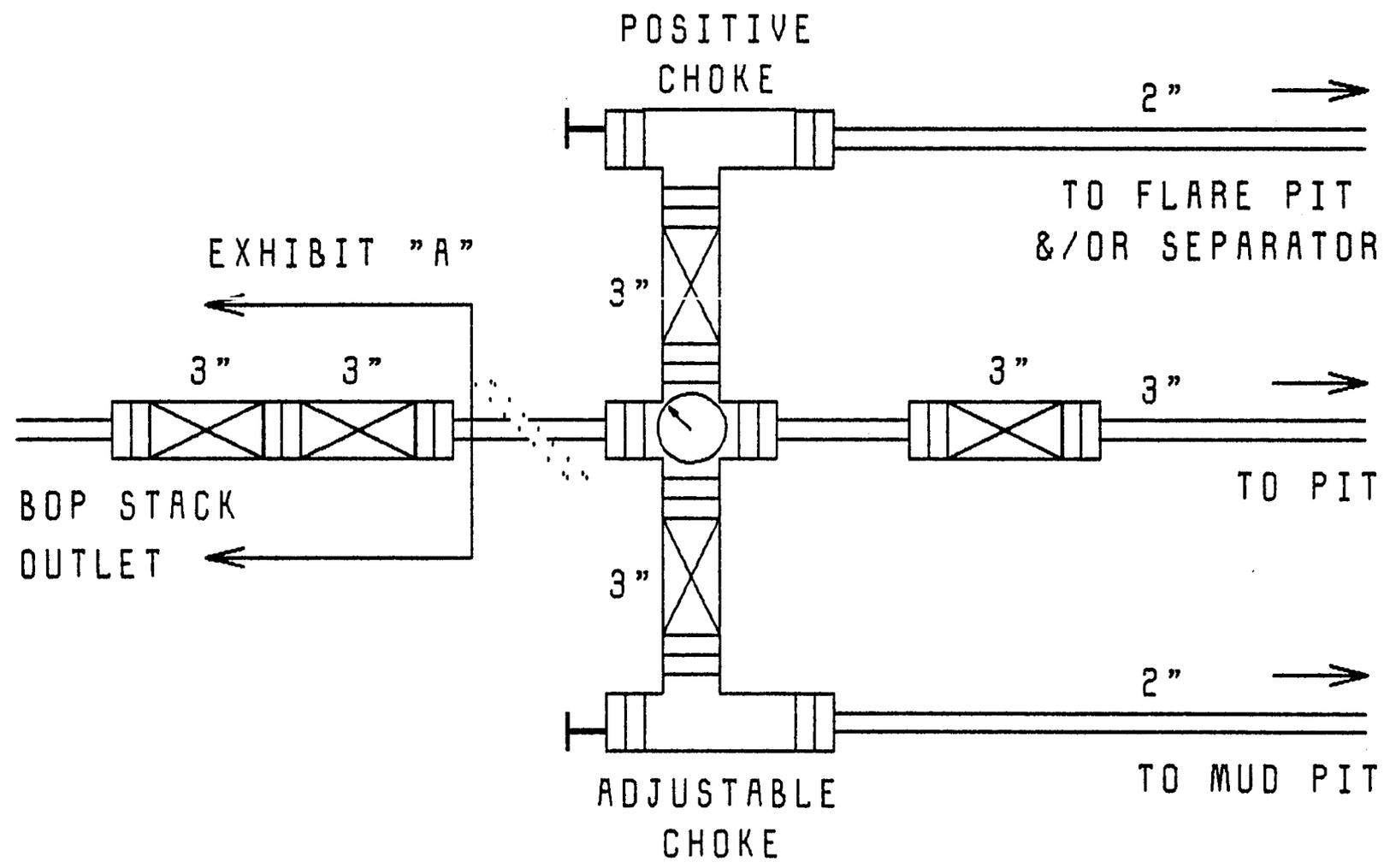


EXHIBIT "B"
CHOKE MANIFOLD



DETAILED DRILLING PROGRAM

DATE: 18 March, 1991

WELL NAME: North Heron WELL NO.: 35C

LOCATION: Section 35, Township 41S, Range 25E
900' FNL, 2485' FWL
San Juan County, Utah

ELEVATION: 4,747' GR / 4,760' KB

TOTAL DEPTH: 5,800' GR

PROJECTED HORIZON: Primary target is Desert Creek at 5,578'.
Secondary target is Desert Creek at 5,509'.

DRILLING, CASING AND CEMENTING PROGRAM

1. Move in and rig up rotary tools. Notify BLM of time of spud and intent to run surface casing.
2. Drill mouse hole and rat hole. Mix mud prior to spudding well.
3. Drill 12 1/4" hole to \pm 500'. Use fresh water gel/lime spud mud for drilling surface hole. Well bore inclination is not to exceed 1° at 500'. Deviation surveys will be run at least at 250' and at casing point.
4. Run 8 5/8", 24 lb/ft, K-55, STC casing to T.D. Cement with 371 sx (427 ft³) of Class 'G' cement with 2% CaCl₂ and 1/4 lb/sk Celloflake (sufficient slurry volume to circulate cement to surface).
5. W.O.C. a minimum of 4 hours prior to nipping up BOP stack and related equipment. See BOP schematics for details.
6. Ensure that plug has been down at least 8 hours prior to commencing pressure testing procedures. Pressure test BOP to 2,000 psig for 30 minutes. Pressure test manifold and all related equipment to 2,000 psig. Pressure test casing to 1,500 psig for 30 min.
7. Drill out surface casing with 7 7/8" bit. Drill 7 7/8" hole to T.D. Deviation surveys are to be taken every 500' or on a bit trip, whichever occurs first. Maximum allowable deviation will be 5° at T.D., with the maximum allowable rate of change to be 1°/100'.
8. Run open hole logs and evaluate. Coring and/or drill stem testing will be as per wellsite geologist's recommendation.

9. If the well is determined to be productive, run 5 1/2", 15.5 lb/ft, K-55, STC casing to T.D. Set stage cementing collar at \pm 3,500'. In addition to placing centralizers over potential production zones, they will also be run to cover the aquifer sands of the Navajo and DeChelly formations, as per BLM stipulations. Cement production casing in two stages as per cementing program in 10-point Drilling Plan.
10. Nipple down BOPE. Set 5 1/2" casing slips and cut off casing. Install well head. Release drilling rig and move rig off location.
11. If well is non-productive it will be plugged and abandoned as per State, BLM and Navajo Tribal stipulations.

North Heron Well No. 35C
Section 35, Township 41S, Range 25E
900' FNL, 2485' FWL
San Juan County, Utah

GENERAL COMPLETION PROCEDURE

If the well is determined to be productive, move in completion rig. Perforate, acidize, and test each productive porosity zone. Completion work will commence after Sundry Notice approval is received. Detailed procedures will follow.

PLUGGING AND ABANDONMENT

If the well is determined not to be productive, the well bore will be plugged as per BLM, State and Navajo Tribal requirements.

North Heron Well No. 35C
Section 35, Township 41S, Range 25E
900' FNL, 2485' FWL
San Juan County, Utah

SURFACE USE PLAN

1. EXISTING ROADS

Shown on the attached topographic map are the existing roads in the immediate area. Outlined is the route to be followed from Aneth. Existing roads will be maintained, as necessary, while operations are in progress.

2. PLANNED ACCESS ROAD

The access road will be as shown on the attached topographic map. The road will be flat bladed, constructed 14' in width and will be maintained as necessary to prevent excessive damage to the existing terrain. The road will be upgraded if commercial production is established. Due to the well's proximity to an existing road, it is anticipated that less than 100' of new road will need to be constructed to the location pad.

3. LOCATION OF EXISTING WELLS & TANK BATTERIES

There are no other producing wells or facilities in the immediate area.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

No production facilities are presently in place. Should the well prove to be productive, facilities (tank battery etc) will be sited on the drilling location pad.

5. LOCATION & TYPE OF WATER SUPPLY

Water will be acquired from the San Juan River or McElmo Creek and will be hauled using Chuska Energy Company water trucks, under State of Utah Division of Water Rights Permit Numbers 09-1724, (T64796) or 09-1723 (T64795).

6. SOURCE OF CONSTRUCTION MATERIALS

The need for additional construction materials is not anticipated. In the event that additional materials are required, they will be acquired either from private sources or with the approval of the Navajo Nation.

7. METHODS OF HANDLING WASTE MATERIAL

Trash will be contained on location in an enclosed bin. It will be hauled to an approved disposal site or burned on location if a burning permit is granted. The reserve pit will be lined as required, with an approved 7 mil liner, for containing drilling fluids. The pit will also be fenced. All drilling fluids, cuttings and chemical waste will be stored in the reserve pit. Liquid hydrocarbons will be stored in temporary storage tanks and hauled from location to approved sales facilities. The reserve pit will be emptied, back filled and restored to natural terrain status upon completion of drilling operations.

8. ANCILLARY FACILITIES

Chemical portable toilet facilities will be provided on location during drilling and completion operations. No camps or air strips are planned for this well.

9. WELL SITE LAYOUT

Attached is a surveyor's staking plat, cut and fill diagram and a schematic of the proposed rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

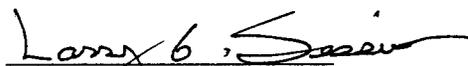
The location is laid out on a roughly east west trend and will require up to 12' of cut in the reserve pit (up to 4' of cut on the south east corner of the location pad) and up to 4' of fill in the north eastern corner of the location pad. Top soil removed from the pad will be stored at the well site. A reserve pit will be built on terrain containing sparse native vegetation. After drilling operations are complete, drilling fluid in the reserve pit will be allowed to evaporate. All remaining fluid in the pit will be disposed of into an approved disposal site. The reserve pit will remain fenced during the evaporation and disposal process. The pit will then be covered and the topsoil will be returned to the disturbed area. The terrain will be returned as near to its original condition as possible. Following operations, rehabilitation seeding will be in accordance with APD/BLM/BIA stipulations. There are no residents in the immediate area of the site.

11. OPERATORS REPRESENTATIVE

CHUSKA ENERGY COMPANY
3315 BLOOMFIELD HIGHWAY
FARMINGTON, NEW MEXICO 87401
LARRY G. SESSIONS

12. CERTIFICATION

I hereby certify that either I, or persons under my direct supervision have inspected the proposed drill site and access route: that I am familiar with the conditions which presently exist: that the statements made in this plan are, to the best of my knowledge, true and correct and that the work planned will be performed by Chuska Energy, or its sub-contractors, in conformity with the terms and conditions under which it is approved.

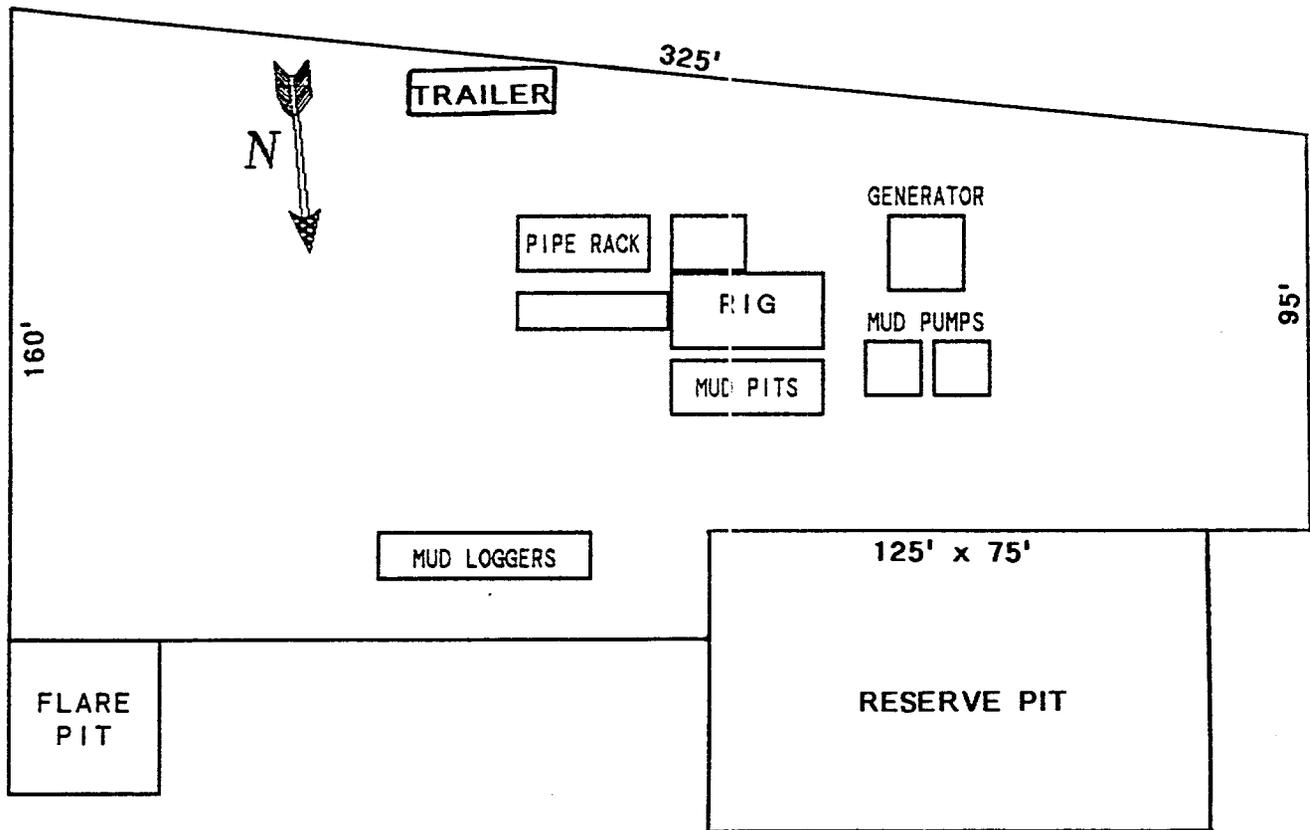

LARRY G. SESSIONS
Operations Manager

NORTH HERON-35C

900' FNL, 2485' FWL

SECTION 35, TOWNSHIP 41S, RANGE 25E

SAN JUAN COUNTY, UTAH



OPERATOR Chuska Energy Co DATE 3-29-91

WELL NAME North Horn 35C

SEC NENW 35 T 41S R 05E COUNTY Garfield

43-037-31616
API NUMBER

(Indian (s))
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No Producing well in Sec 35.
Water Permit 09-1704 (TW4796) or 09-1703 (TW4795)
Request for location location

APPROVAL LETTER:

SPACING:

R615-2-3

N/A
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

cc: BIA

CONFIDENTIAL
PERIOD
EXPIRED
ON 4-25-93



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 29, 1991

Chuska Energy Company
3315 Bloomfield Highway
Farmington, New Mexico 87401

Gentlemen:

Re: North Heron 35C Well, 900 feet from the North line, 2485 feet from the West line, NE NW, Section 35, Township 41 South, Range 25 East, San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Admin. R.615-3-3.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.

Page 2
Chuska Energy Company
North Heron 35C
March 29, 1991

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31616.

Sincerely,



R. J. Erth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
we14/1-2



CHUSKA ENERGY COMPANY

1775 SHERMAN STREET - SUITE 1800 • DENVER, COLORADO 80203 • PHONE: (303) 863-7021
FAX #: (303) 863-7210

May 17, 1991

Ms. Vicki Kearney
Utah Oil & Gas Commission
355 West North Temple
Three Triad Center
Suite 350
Salt Lake City, Utah
84180-1203

Dear Ms. Kearney:

Please keep all Chuska Energy Company data confidential until further notice.

Thanks,

Herbert P. Mosca
Chuska Staff Geologist

RECEIVED

MAY 20 1991

DIVISION OF
OIL GAS & MINING

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

API NO. 43-037-31616

SPUDDING INFORMATION

NAME OF COMPANY: CHUSKA ENERGY COMPANY

WELL NAME: NORTH HERON 35C

SECTION NENW 35 TOWNSHIP 41S RANGE 25E COUNTY SAN JUAN

DRILLING CONTRACTOR AWE

RIG # 222

SPUDDED: DATE 9-21-91

TIME _____

HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY GLENN GOODWIN

TELEPHONE # _____

DATE 9-24-91

SIGNED _____

TAS

PETROLEUM INFORMATION ROCKY MOUNTAIN REGION REPORT
SECTION IV - 12/31/91

UTAH DRILLING PROGRESS
SAN JUAN COUNTY CONTINUED

<p>CHUSKA ENERGY <i>1083</i> 35H HERON IC 43-037-70044-91 <i>31615</i></p>	<p>35-41S-25E NE SE NE 1853 FNL 351 FEL</p>	<p>UNNAMED; 5760, (FR 07/23/91DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4760 GR; LOCATION DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT; AMMANN BASE MAP UT-9.</p>	<p>WFD OIL</p>
<p>CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 07/22/91, CSG: RAN SURF & PRCD CSG; LOG TOPS: MORRISON (SURF), HERMOSA 4484, ISMAY U 5420, ISMAY L 5515, GOTHIC 5561, DESERT CREEK 5590, CHIMNEY ROCK 5758, AKAH 5771; DRLG COMMENTS: RIG SKIDDED 20 FT. LOCAL CALL(LOG): HOVENWEEP 5513. 5776 TD, (TD REACHED: 08/04/91); PROD TEST(S): PERF (DESERT CREEK) 5506-5666, (DESERT CREEK) F 600-1200 BOPD, 1500 MCFGPD. PRODUCING INTERVAL(S) DATA: PERF (DESERT CREEK) 5606-5666 5776 TD. COMP 8/20/91, IPP 628 BOPD. PROD ZONE - DESERT CREEK 5606-5666. HOLDING FOR DATA (DESERT CREEK DISCOVERY - NEW FIELD) (LDIR 12/13/91)</p>			
<p>CHUSKA ENERGY <i>1093</i> 35C NORTH HERON API 43-037-31616</p>	<p>35-41S-25E <i>(AC) 1571</i> SE NE NW 900 FNL 2485 FWL IC 430377002091</p>	<p>WILDCAT; 5800, (FR 03/22/91DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4747 GR; LOCATION DATA: 3/4 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT; AMMANN BASE MAP UT-9.</p>	<p>WF</p>
<p>CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 09/19/91, CSG: RAN SURF & PROD CSG; 5752 TD, (TD REACHED: 09/30/91); PROD TEST(S): PERF INT NOT RPTD, (FM NOT RPTD) F 960 BO, 300 MCFG, 32/64 CK, FTP 260/8 HRS. . . . 5752 LTD, 5751 DTD, FLW TSTG (LDIR 12/30/91)</p>			
<p>SAN JUAN MINERALS EXPL 91-11 GOODRIDGE API 43-037-31607</p>	<p><i>How</i> 7-42S-19E SE NE NE 683 FNL 151 FEL IC 430377001991</p>	<p><i>Heat Mining Program</i> MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4192 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-12 GOODRIDGE API 43-037-31637</p>	<p>7-42S-19E SE NE NE 1123 FNL 338 FEL IC 430377005191</p>	<p>MEXICAN HAT; 450, (FR 08/12/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2218; EL: 4135 GR; LOCATION DATA: IN CITY LIMITS OF MEXICAN HAT, UTAH; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-5 GOODRIDGE API 43-037-31611</p>	<p>7-42S-19E SE SE NE 1997 FNL 312 FEL IC 430377001791</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4180 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-6 GOODRIDGE API 43-037-31612</p>	<p>7-42S-19E SE SE NE 2123 FNL 332 FEL IC 430377001691</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4172 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-1 NORDEEN API 43-037-31654</p>	<p>7-42S-19E NW NW NE 100 FNL 2500 FEL IC 430377005491</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4193 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-2 NORDEEN API 43-037-31653</p>	<p>7-42S-19E NW NW NE 100 FNL 2200 FEL IC 430377005591</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4191 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-3 NORDEEN API 43-037-31652</p>	<p>7-42S-19E NE NW NE 100 FNL 1900 FEL IC 430377005691</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4194 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-4 NORDEEN API 43-037-31651</p>	<p>7-42S-19E NE NW NE 100 FNL 1600 FEL IC 430377005991</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4200 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-5 NORDEEN API 43-037-31650</p>	<p>7-42S-19E NW NE NE 100 FNL 1227 FEL IC 430377005891</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4224 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 92-6 NORDEEN API 43-037-31649</p>	<p>7-42S-19E NW NE NE 100 FNL 986 FEL IC 430377005791</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 09/27/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHONE (619) 922-2222; EL: 4239 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			

UTAH DRILLING PROGRESS
SAN JUAN COUNTY CONTINUED

CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 03/01/92 (EST), CSG: RAN SURF & PROD CSGS; (TD REACHED: 03/14/92); PROD TEST(S): PERF INT & FM NOT RPTD, GAUGE NOT RPTD. . . . @ TD, TSTG (LDIR 03/24/92)

<p>CHUSKA ENERGY 1 OAK 11G API 43-037-31548</p>	<p>11-41S-25E SE SW NE 2260 FNL 1520 FEL IC 430377007390</p>	<p>WILDCAT; 5701 DESERT CREEK, (FR 08/06/90DN) OPER ADD: BOX 780, FARMINGTON, NM, 87439 PHONE (505) 326-5525; EL: 4551 GR; LOCATION DATA: 1 MI SW ANETH GREATER FLD(PARADOX) 22 1/2 MI E-SE BLUFF, UT; AMMANN BASE MAP UT-9, POMCO MAP U-84, PERMIT REISSUED: 07/23/91</p>	<p>WF</p>
<p>LOC;</p>			
<p>GIANT EXPL & PROD 22-14 SE MCELMO API 43-037-31646</p>	<p>22-41S-25E NE SW SW 832 FSL 746 FWL IC 430377004891</p>	<p>ANETH GREATER; 5395 DESERT CREEK, (FR 07/26/91FM) OPER ADD: BOX 2810, FARMINGTON, NM, 87499 PHONE (505) 326-3325; EL: 4582 GR; LOCATION DATA: 1 1/2 MI SE ANETH, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>GIANT EXPL & PROD 27-33 SE MCELMO API 43-037-31645</p>	<p>27-41S-25E SW NE SW 1800 FSL 1800 FWL IC 430377004791</p>	<p>ANETH GREATER; 5635 DESERT CREEK, (FR 07/26/91FM) OPER ADD: BOX 2810, FARMINGTON, NM, 87499 PHONE (505) 326-3325; EL: 4582 GR; LOCATION DATA: 2 MI SE ANETH, UT; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>CHUSKA ENERGY 33-O CLAY HILL IC 43-037-70046-91</p>	<p>33-41S-25E SE SW SE 370 FSL 1750 FEL</p>	<p>WILDCAT; 5496, (FR 07/24/91DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4533 GR; LOCATION DATA: 1 MI SW CLAY HILL FLD(DESERT CREEK) 3 MI S ANETH, UT; AMMANN BASE MAP UT-9.</p>	<p>WF</p>
<p>CONTR: AZTEC WELL SRVCG, RIG #184; SPUD: 11/09/91, CSG: RAN SURF CSG; LOG TYPES: CWL; 5684 TD, (TD REACHED: 11/19/91); . . . 5684 TD(TITE HOLE) (LDIR 03/24/92)</p>			
<p>CHUSKA ENERGY 35-H CRANE API 43-037-31626</p>	<p>35-41S-25E SW SE NE 2635 FNL 1150 FEL IC 430377003291</p>	<p>WILDCAT; 5714, (FR 06/05/91DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4651 GR; LOCATION DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 3 3/4 MI E-SE ANETH, UT; AMMANN BASE MAP UT-9.</p>	<p>WF D&A</p>
<p>CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 11/04/91, CSG: RAN SURF CSG; LOG TYPES: BHCS, CNL, DLL, LDT, MSFL; LOG TOPS: MORRISON (SURF), HERMOSA 4449, ISMAY U 5303, ISMAY L 5403, GOTHIC 5448, DESERT CREEK 5474; CORE # 1 NO DESCRIPTION AVAILABLE; DRLG COMMENTS: LOCAL CALLS(LOG): HOVENWEEP 5400, CHIMNEY ROCK 5632, 5714 TD, (DESERT CREEK) (TD REACHED: 11/19/91); 5714 TD(APPROX). COMP 11/19/91, D&A. HOLDING FOR DATA. . . (LDIR 02/21/92)</p>			
<p>CHUSKA ENERGY 35C NORTH HERON API 43-037-31616</p>	<p>35-41S-25E SE NE NW 900 FNL 2485 FWL IC 430377002091</p>	<p>UNNAMED; 5800, (FR 03/22/91DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4747 GR; LOCATION DATA: 3/4 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT; AMMANN BASE MAP UT-9.</p>	<p>WFD OIL</p>
<p>CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 09/19/91, CSG: RAN SURF & PROD CSG; LOG TOPS: HERMOSA 4524, ISMAY U 5372, ISMAY L 5472, GOTHIC 5516, DESERT CREEK 5545, AKAH 5718; DRLG COMMENTS: LOCAL CALLS(LOG): HOVENWEEP 5468, CHIMNEY ROCK 5704, 5752 TD, (AKAH) (TD REACHED: 09/30/91) 5708 PBTD ; PROD TEST(S): PERF (DESERT CREEK) 5560-5606, F 960 BO, 300 MCFG, 32/64 CK, FTP 260/8 HRS. PRODUCING INTERVAL(S) DATA: PERF (DESERT CREEK) 5560-5606 IP NOT RPTD. 5752 LTD, 5751 DTD, PB 5708. COMP 3/25/92(EST), OIL WELL. PROD ZONE - DESERT CREEK 5560-5606. HOLDING FOR DATA. (DESERT CREEK DISCOVERY - NEW FIELD) . . (LDIR 04/02/92)</p>			
<p>WESGRA CORP 5 LAURA-LETA API 43-037-31668</p>	<p>6-42S-19E SW SE SW 435 FSL 1325 FWL IC 430377001292</p>	<p>MEXICAN HAT; 1200 GOODRIDGE, (FR 03/17/92DN) OPER ADD: BOX 310-367, MEXICAN HAT, UT, 84531 PHONE (801) 683-2298; EL: 4235 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-101.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-11 GOODRIDGE API 43-037-31607</p>	<p>7-42S-19E SE NE NE 683 FNL 151 FEL IC 430377001991</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4192 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-12 GOODRIDGE API 43-037-31637</p>	<p>7-42S-19E SE NE NE 1123 FNL 338 FEL IC 430377005191</p>	<p>MEXICAN HAT; 450, (FR 08/12/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225 PHC NE (619) 922-2218; EL: 4135 GR; LOCATION DATA: IN CITY LIMITS OF MEXICAN HAT, UTAH; AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			
<p>SAN JUAN MINERALS EXPL 91-5 GOODRIDGE API 43-037-31611</p>	<p>7-42S-19E SE SE NE 1997 FNL 312 FEL IC 430377001791</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4180 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>CONTR: PETTY DRLG, RIG #1; SPUD: 03/12/92 (EST), 450 TD, (TD REACHED: 03/15/92); . . . 450 TD(APPROX), WOCT (LDIR 03/31/92)</p>			
<p>SAN JUAN MINERALS EXPL 91-6 GOODRIDGE API 43-037-31612</p>	<p>7-42S-19E SE SE NE 2123 FNL 332 FEL IC 430377001691</p>	<p>MEXICAN HAT; 450 GOODRIDGE, (FR 03/18/91DN) OPER ADD: 10970 WILLIAMS AVE, BLYTHE, CA, 92225-9414 PHONE (619) 922-2278; EL: 4172 GR; LOCATION DATA: MEXICAN HAT, UT(TOWNSITE); AMMANN BASE MAP UT-9.</p>	<p>D</p>
<p>LOC;</p>			

ENTITY ACTION FORM - FORM 6

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11479	4390377316160	NORTH HERON 35C	NENW	35	41S	25E	SAN JUAN	9-19-91	3-25-92
WELL 1 COMMENTS: *COMPLETED 3-25-92;960OIL;300 MCF;NO WCR;INFO TAKEN FR PI REPORT.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
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.

jc
L. CORDOVA (DOGM)
Signature
ADMIN. ANALYST 5-14-93
Title Date
Phone No. () _____

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

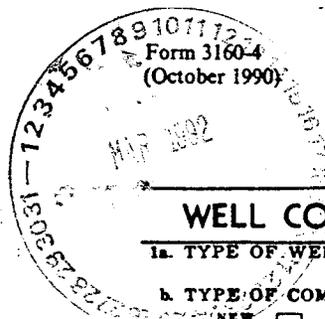
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.	GEOLOGIC MARKERS	
				Name	Top
				Meas. Depth	True Vert. Depth
Core #1	5561	5617	93% Recovery of Desert Creek	Hermosa	4524
Core #2	5617	5650	55% Recovery of Desert Creek	Upper Ismay	5372
				Hovenweep SH	5468
				Lower Ismay	5472
				Gothic Shale	5516
				Desert Creek	5545
				Chimney Rock	5704
				AKAH	5718



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN ENGLISH... See other instructions on reverse side

FOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. REVR. [] Other []

2. NAME OF OPERATOR: Chuska Energy Co.
3. ADDRESS AND TELEPHONE NO.: 3315 Bloomfield Hwy., Farmington, NM 87401 505-326-5525
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 900' FNL, 2285' FWL

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME, WELL NO.: North Heron 35-C
9. API WELL NO.: 43-037-31616
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 35, T41S, R25E

SEP 10 1993

14. PERMIT NO.: 43-037-31616 DATE ISSUED: 8-8-91
12. COUNTY OR PARISH: San Juan
13. STATE: Utah

15. DATE SPUNDED: 9-21-91
16. DATE T.D. REACHED: 10-2-91
17. DATE COMPL. (Ready to prod.): 10-26-91
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 4747' GR/4760' KB
19. ELEV. CASINGHEAD: 4747' GR

20. TOTAL DEPTH, MD & TVD: 5752' MD
21. PLUG BACK T.D., MD & TVD: 5708' MD
22. IF MULTIPLE COMPL., HOW MANY?: None
23. INTERVALS DRILLED BY: ROTARY TOOLS Yes, CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): Desert Creek 5560'-5606' MD & TVD
25. WAS DIRECTIONAL SURVEY MADE: Yes

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26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL/MSFL/GR/CAL CNL/FDC/LDT/GR/CAL BAC/CAL/GR CET/CCL/GR
27. WAS WELL CORED: yes

29. CASING RECORD (Report all strings set in well)
Table with columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED

30. LINER RECORD and TUBING RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number): All perforations shot w/ 4" gun @ 4 SPF. (5584-5606)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION
Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vent
TEST WITNESSED BY: T. Jones

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: Gary A. Chausen TITLE: Production Engineer DATE: 12-28-91

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Core #1	5561	5617	93% Recovery of Desert Creek	Hermosa	4524	4524
Core #2	5617	5650	55% Recovery of Desert Creek	Upper Ismay	5372	5372
				Hovenweep Shale	5468	5468
				Lower Ismay	5472	5472
				Gothic Shale	5516	5516
				Desert Creek	5545	5545
				Chimney Rock	5704	5704
				Akah	5718	5718

SEP 10 1993
 U.S. GEOLOGICAL SURVEY

38. GEOLOGIC MARKERS

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

6. Lease Designation and Serial Number
NOG 8702-1116

7. Indian Allottee or Tribe Name
Navajo Tribal

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Chuska Energy Company

3. Address of Operator
3315 Blomfield Hwy. Farmington, NM 87401

4. Telephone Number
505-326-5525

5. Location of Well
Footage : 900' FNL, 2285' FWL
CO. Sec. T., R., M. : S35-T41S-R25E

9. Well Name and Number
North Heorn 35C

10. API Well Number
43-037-31616

11. Field and Pool, or Wildcat
Wildcat

County : San Juan
State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off
 Other _____

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Treat Water Shut-Off
 Other First Sale of gas

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

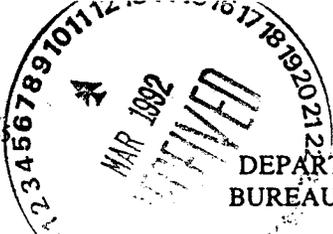
First sale of gas from this well occurred at 2:00 PM, 12-13-91.

SEP 10 1993

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

Name & Signature Barry A. Wieland  Title Operations Manager Date 5-26-93

(State Use Only)



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SLM

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

SUNDRY NOTICES AND REPORTS ON WELLS

MAR 9:36

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

5. Lease Designation and Serial No.
NOG 8702-1116

6. If Indian, Allottee or Tribe Name
Navajo Tribal

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

8. Well Name and No.
North Heron 35C

9. API Well No.
43-037-31616

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State

San Juan, County

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Chuska Energy Company

3. Address and Telephone No.
3315 Bloomfield Hwy, Farmington, NM 87401 (505)326-5525

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
900' FNL, 2285' FWL
Section 35-T41S-R25E

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 1st. sale gas
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on 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.)*

First sale of gas from this well occurred at 2:00P.M., 12-13-91.

CONFIDENTIAL

RECEIVED
SEP 10 1993

ACCEPTED FOR RECORD

MAR 04 1992

FARMINGTON RESOURCE AREA

BY [Signature]

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

Signed [Signature]

Title Production Engineer

Date 12-27-91

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

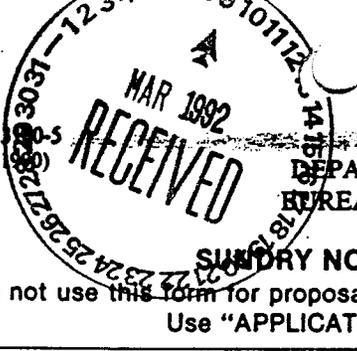
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

OPERATOR

Form (June 1990) 2526-272-123



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED BLM

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

SUNDRY NOTICES AND REPORTS ON WELLS - 7 11 9:37

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

5. Lease Designation and Serial No. NOG 8702-1116

6. If Indian, Allottee or Tribe Name Navajo Tribal

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well

- Oil Well (checked), Gas Well, Other

8. Well Name and No. North Heron 35C

2. Name of Operator

Chuska Energy Company

9. API Well No. 43-037-31616

3. Address and Telephone No.

3315 Bloomfield Hwy, Farmington, NM 87401 (505)326-5525

10. Field and Pool, or Exploratory Area Wildcat

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

900' FNL, 2285' FWL Section 35-T41S-R25E

11. County or Parish, State San Juan, County

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

TYPE OF SUBMISSION

- Notice of Intent, Subsequent Report (checked), Final Abandonment Notice

TYPE OF ACTION

- Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other (checked) 1st sale oil, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water

(Note: Report results of multiple completion or Completion or Recompletion Report and Log for

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.)

First sale of oil from this well occurred on 10-24-91.

CONFIDENTIAL

ACCEPTED FOR RECORD

MAR 06 1992

FARMINGTON RESOURCE AREA

SEP 10 1993

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

Signed Gary H. Charben

Title Production Engineer

Date 12-27-91

(This space for Federal or State office use)

Approved by Conditions of approval, if any: Title

Date

Title 18 U.S.C. Section 1001, makes 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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATION

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

6. Lease Designation and Serial Number
NOG 8702-1116

7. Indian Allottee or Tribe Name
Navajo Tribal

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Chuska Energy Company

3. Address of Operator
3315 Bloomfield Hwy. Farmington, NM 87401

4. Telephone Number
505-326-5525

5. Location of Well
Footage : 900' FNL, 2285' FWL County : San Juan
QQ, Sec. T., R., M. : S35-T41S-R25E State : UTAH

9. Well Name and Number
North Heron 35C

10. API Well Number
43-037-31616

11. Field and Pool, or Wildcat
Wildcat

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off
 Other _____

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Treat Water Shut-Off
 Other Production Casing

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

Drilled to 5752'. Logged & ran 140 joints 5 1/2", 15.5, K-55, LTC csg. Landed at 5752' KB, FC @ 5730', DV tool @ 2510. Cemented as follows:

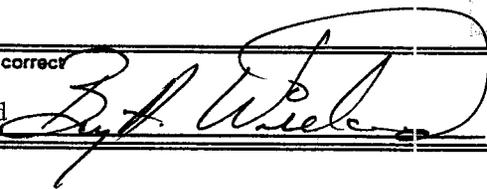
Stage #1: Lead w/20 bbl MF + 600 sx Poz + 1/4#/sx Flocele + 6% gel (12 PPG). Tail in w/350 sx Class 'G' + 2% CaCl₂ (15.8 PPG). Displace with water and circulate 55 bbls cement to surface.

Stage #2: Lead w/20 bbl MF + 1475 sx 65/35 Poz + 1/4#/sx Flocele + 6% gel (12.7 PPG). Circulated cement to surface and pumped 100 sx Class 'G' + 2% CaCl₂ + 1/4#/sx Flocele (15.8 PPG). Plug down at 13:15 Hrs, 10-02-91.

Release rig @ 1700 Hrs, 10-02-91.

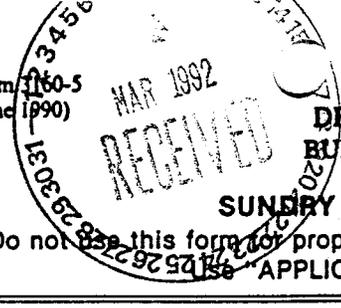
SEP 10 1993

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

Name & Signature Barry A. Wieland  Title Operations Manager Date 5-26-93

(State Use Only)

Form 1160-5
(June 1990)



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004
Expires: March 31, 1991

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial
NOG 8702-1116
6. If Indian, Allottee or Tribe Name
Navajo Tribal

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
North Heron 35C

2. Name of Operator
Chuska Energy Company

9. API Well No.
43-037-31616

3. Address and Telephone No.
3315 Bloomfield Hwy. Farmington, NM 87401 (505)326-5525

10. Field and Pool, or Exploration Name
Wildcat

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

900' FNL, 2285' FWL
Section 35, T41S, R25E

11. County or Parish, State
San Juan, County, NM

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>Production Casing</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 completions or recompletions on separate reports.)

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 directed, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)

DRILLED TO 5752'. LOGGED & RAN 140 LITS 5 1/2, 15.50, K-55, LTC CSG. LANDED AT 5752'KB, FC @ 5730'. DV TOOL @ 2510'. CEMENTED AS FOLLOWS:

STAGE #1: LEAD W/ 20 BBL MF + 600 SXS 65/35 POZ + 1/4#/SX FLOCELE + 6% GEL (12 PPG). TAIL-IN W/ 350 SX CLASS 'G' + 2% CaCl2 (15.8 PPG). DISPLACE W/ WATER AND CIRCULATE 55 BBLs CEMENT TO SURFACE.

STAGE #2: LEAD W/ 20 BBLs MF + 1475 SX 65/35 POZ + 1/4#//SX FLOCELE + 6% GEL (12.7 PPG). CIRCULATED CEMENT TO SURFACE AND PUMPED 100 SX CLASS 'G' + 2% CaCl2 + 1/4#/SX FLOCELE (15.8 PPG). PLUG DOWN AT 13:15 HRS, 10-2-91.

RELEASE RIG @ 1700 HRS, 10-2-91.

SEP 10 1993

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

Signed Gary A. Chambers

Title Production Engineer

Date 12-27-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

ACCEPTED FOR RECORD

MAR 11 1992

Title 18 U.S.C. Section 1001, makes 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 representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATION

FARMINGTON RESOURCE AREA
BY [Signature]

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

6. Lease Designation and Serial Number
NOG 8702-1116

7. Indian Allottee or Tribe Name
Navajo Tribal

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well
 Oil Well Gas Well Other (specify) _____

2. Name of Operator
Chuska Energy Company

3. Address of Operator
3315 Bloomfield Hwy. Farmington, NM 87401

4. Telephone Number
595-326-5525

5. Location of Well
 Footage : 900' FNL, 2285' FWL
 County : San Juan
 QQ, Sec. T., R., M. : S35-T41S-R25E
 State : UTAH

9. Well Name and Number
North Heron 35C

10. API Well Number
43-037-31616

11. Field and Pool, or Wildcat
Wildcat

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off
 Other _____

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

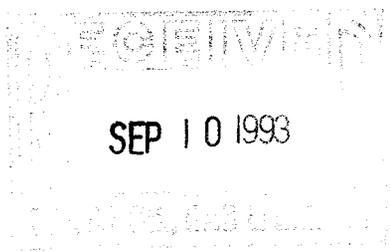
Abandonment * New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Treat Water Shut-Off
 Other Spud Surface casing _____

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

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

MIRU Aztec Rig #222. Spudded 0715 hrs, 9-21-91. Drilled to 525'. RU and ran 12 joints 8 5/8", 24lb/ft, J-55, STC casing and landed at 522'. Cemented w/375 sx Class 'G' cement with 2& CaCl₂ and 1/4#/sx celloflake. Circulated 5 bbl slurry to surface. Notification of spud by Jim Meyers, to BLM, Mr. Snow, @ 2:00 am, on 9-21-91.



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

Name & Signature Barry A. Wieland *[Signature]* Title Operations Manager Date 5-26-93
 (State Use Only)

Form 3160-5
(June 1990)



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUMMARY 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

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

5. Lease Designation and Serial No.

NOG 8702-1118

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

XXXXXX

8. Well Name and No.

N. Heron 35 C

9. API Well No.

43-037-31616

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

CHUSKA ENERGY COMPANY

3. Address and Telephone No.

315 Bloomfield Highway, Farmington, New Mexico 87401 1(505)326-5525

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

900' FNL, 2285' FWL
Section 35-41S-25E

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

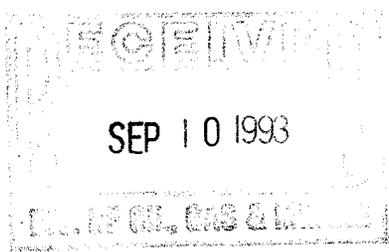
Abandonment
 Recompletion
 Logging Back
 Casing Repair
 Altering Casing
 Other SOUP/SURFACE CSG
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on 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.)*

CONFIDENTIAL

AIRU Aztec Rig #222. Spudded 0715 hrs, 9-21-91. Drilled to 525'. RU and ran 12 jts 8 5/8", 24lb/ft, J-55, STC casing and landed at 522'. Cemented w/375 sx Class 'G' cement w/ 2% CaCl2 and 1/4#/sx celloflake. Circulated 5 bbl slurry to surface. Notification of spud by Jim Meyers, to BLM, Mr. Snow, @ 2:00 am, on 9-21-91.



ACCEPTED FOR RECORD

MAR 05 1992

FARMINGTON RESOURCE AREA

BY [Signature]

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

Signed [Signature] Title Production Manager Date 9-23-91

(This space for Federal or State office use)

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

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

OPERATOR



CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

September 7, 1993

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

RECEIVED

SEP 10 1993

DIVISION OF
OIL, GAS & MINING

Attn: Mr. R.J. Firth
Associate Director

RE: Utah Division of Oil, Gas and Mining's
Reporting Requirements

Dear Mr. Firth:

Enclosed please find the following reports and well logs run on wells drilled by Chuska Energy Company during the period January 1, 1992 forward. The Production Reports were filed in June under a separate cover letter by our home office, Harken Energy Company, out of Dallas. We have received conflicting statements as to whether or not the data was received. Therefore, a second set of Production reports from January 1992 forward are also forwarded to your office under this cover letter.

APD(S), SUNDRY NOTICES AND ENTITY ACTION FORMS

Barnes 18M
Barnes 18M(N)
Brown Hogan 1A-2
Burro 33I
Clay Hill 33-0
Crane 35H
Copperhead 15E
D.C. Anticline 35K
Heron 35H
Heron 35H(A)
Jack 31G
Kokopelli 29I
Lark 19B
Lark 19B(G)
Lighting Rock 2E
Lizard 4M
Lone Mountain Creek 12F-1

RECEIVED

SEP 10 1993

DIVISION OF
OIL, GAS & MINING

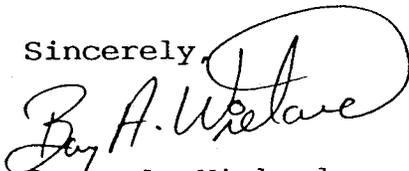
Monument 17E-2
Mule 31K
Mule 31K(N)
Mule 31M
NW Cajon 1I-1
North Heron 35C
Northwest Cajon 6E
North Cajon Mesa 5E-1
North Ruins 16K
Red Lake 25B
Tower 1F
Box Canyon 5F
Shalene 11K
South Triangle 7I
West Clay Hill 5B(A)

LOGS

Barnes 18M(N)
Brown Hogan 1A-2
Burro 33I
Clay Hill 33-0
Copperhead 15E
D.C. Anticline 35K
Heron 35H
Jack 31G
Kokopelli 29I
Lark 19B(G)
Lighting Rock 2E
Lone Mountain Creek 12F-1
Mule 31K(N)
Mule 31M
North Cajon Mesa 5E-1
North Heron 35C
N.W. Cajon 1I-1
N.W. Cajon 6E
Red Lake 25B
West Clay Hill 5B(A)

If you should have any further questions, please don't
hesitate to contact me, or Nell Lindenmeyer, at 505-326-
5525.

Sincerely,



Barry A. Wieland
Operations Manager

Enclosures
cc: Well File

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

5. Lease Designation and Serial No.
NOG 8702-1116
6. If Indian, Allottee or Tribe Name
Navajo Tribal

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other
2. Name of Operator
Chuska Energy Company
3. Address and Telephone No.
3315 Bloomfield Highway, Farmington, NM 87401 505-326-5525
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
900' FNL & 2285' FWL
Section 35-Township 40S-Range 25E

7. If Unit or CA, Agreement Designation
8. Well Name and No.
N. Heron 35C
9. API Well No.
43-037-31616
10. Field and Pool, or Exploratory Area
Wildcat
11. County or Parish, State
San Juan County, Utah

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 checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casin
	<input type="checkbox"/> Other
	<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 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.)

On May 17, 1993 Chuska Energy Company perforated intervals from 5559'-5581' @ 4 spf w/90 phasing (22' total, 88 perforations). Spotted 15% MSR 100 acid from bottom of tbg for a total of 2,750-gal (250 gal per setting) used for the isolated matrix breakdown. Pump rates did not exceed 1/2 BPM. The well was shut-in for 72-hr pressure build-up test. A beam pump was installed and the well was returned to production.

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

RECEIVED

OCT 13 1993

DATE: 10-14-93
BY: [Signature]
DIVISION OF OIL, GAS & MINING

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

Signed [Signature] Title Operations Manager Date 5/21/93

(This space for Federal or State office use)

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

Tax credits 10/29/93

Title 18 U.S.C. Section 1001, makes 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.

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NOG 8702-1116
2. Name of Operator Chuska Energy Company	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 3315 Bloomfield Highway, Farmington, NM 87401 505-326-5525	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 900' FNL & 2785' FWL Section 35-Township 41S-Range 25E	8. Well Name and No. N. Heron 35C
	9. API Well No. 43-037-31616
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State San Juan County, Utah

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" 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 type="checkbox"/> Other
	<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 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.)

On or about May 15, 1993 Chuska Energy Company proposes to perforate intervals from 5559' - 5581' @ 4 spf w/90 phasing (22' total, 88 perforations). Will spot 15% MSR 100 acid to bottom of tbg for a total of 2,750 gal (250 gal per setting) used for the isolated matrix breakdown. Estimated pump rates should not exceed 1/2 BPM. SI well for planned 72-hr pressure build-up test. Complete well and install beam pump. Well will then be returned to production.

RECEIVED

OCT 13 1993

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

DIVISION OF
OIL, GAS & MINING

DATE: 10-14-93

BY: *[Signature]*

14. I hereby certify that the foregoing is true and correct
Signed *[Signature]* Title Operations Manager Date 5/10/93

(This space for Federal or State office use)

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

RECEIVED

STATE OF UTAH DIVISION OF OIL, GAS AND MINING 13 1993

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []

1. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR: Chuska Energy Company

3. ADDRESS OF OPERATOR: 3315 Bloomfield Hwy. Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 900' FNL, 2185' FWL

5. LEASE DESIGNATION AND SERIAL NO. NOG 8702-1116
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Triba
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME North Heron
9. WELL NO. 35C
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA S35-T41S-R25E

14. API NO. 43-037-31616 DATE ISSUED 8-8-91 12. COUNTY San Juan 13. STATE Utah

15. DATE SPUDDED 9-21-91 16. DATE T.D. REACHED 10-2-91 17. DATE COMPL. (Ready to prod.) 10-26-91 (Plug & Abd.) 18. ELEVATIONS (DP, BER, ST, CR, ETC.) 4747' GR/4760' KB 19. ELEV. CASINGHEAD 4747' GR

20. TOTAL DEPTH, MD & TVD 5752' MD 21. PLUG BACK T.D., MD & TVD 5708' MD 22. IF MULTIPLE COMPL., HOW MANY NONE 23. INTERVALS DRILLED BY ROTARY TOOLS Yes CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Desert Creek 5560' - 5606' MD & TVD CYBERLOOK, MECHANICAL CORING TOOL

25. TYPE ELECTRIC AND OTHER LOGS FOR 9-12-93 CET/CCL/GR- DLL/MSFL/GR/CAL CNL/FDC/LDT/GR/CAL BHC/CAL/GR 26. WAS WELL CORED YES [] NO [] 27. DRILL STEM TEST YES [] NO []

Table with 4 columns: CASING SIZE, WEIGHT, LB/FT., DEPTH SET (MD), MOLE SIZE. Rows include 8 5/8, K-55 and 5 1/2, K-55. Includes cementing record and amount pulled.

Table with 4 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT. Includes tubing record with size 2 7/8, depth set 5550, packer set 5550.

28. PERFORATION RECORD (Interval, size and number) All perforations shot w/ 4" @ 4 SPF. (5584-5606) 29. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD. FOR TEST PERIOD, OIL-BSL, GAS-MCF, WATER-BSL, GAS-OIL RATIO.

30. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vent TEST WITNESSED BY Terry Jones

31. LIST OF ATTACHMENTS: 32. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED [Signature] TITLE Operations Manager DATE 5-26-93

See Spaces for Additional Data on Reverse Side

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:

LARRY G SESSIONS
 CHUSKA ENERGY COMPANY
 3315 BLOOMFIELD HWY
 FARMINGTON NM 87401

UTAH ACCOUNT NUMBER: N9290

REPORT PERIOD (MONTH/YEAR): 12 / 93

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ 4303731550	11128	40S 25E 10	DSCR					
✓ 4303731547	11139	40S 25E 17	DSCR					
✓ 4303731546	11145	39S 25E 33	IS-DC					
✓ 4303731545	11148	42S 24E 12	DSCR					
✓ 4303731597	11152	40S 25E 10	DSCR					
✓ 4303731562	11161	42S 23E 1	DSCR					
✓ 4303731572	11207	42S 24E 5	PRDX					
✓ 4303731510	11210	40S 24E 1	DSCR					
✓ 4303731573	11215	42S 23E 2	PRDX					
✓ 4303731595	11224	41S 23E 36	PRDX					
✓ 4303731617	11326	41S 24E 31	DSCR					
✓ 4303731616	11479	41S 25E 35	DSCR					
✓ 4303731708	11496	41S 24E 31	DSCR	No Card K/DTS NO FILE	✓ done / 093			
TOTALS								

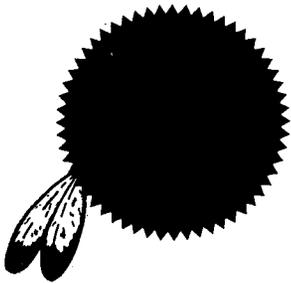
COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____



HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

We are pleased to announce that effective January 18, 1994, Chuska Energy Company, has changed its name to Harken Southwest Corporation. This is in line with the February 1993 merger with Harken Exploration Company.

Harken Southwest Corporation is still located at 3315 Bloomfield Highway, Farmington, New Mexico, 87401. You may still contact us at (505) 326-5525.

Please reflect this name change as necessary on all future correspondence.

Thank you for your assistance in this matter and we look forward to working with you as Harken Southwest Corporation.

Sincerely,

Barry A. Wieland
Operations Manager

RECEIVED

FEB 07 1994

DIVISION OF
OIL, GAS & MINING

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
Oper. Nm. Change

1. Date of Phone Call: 2-9-94 Time: 12:29

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to:

Name Wayne Townsend (Initiated Call) - Phone No. (505) 599-8900
(or Ken Townsend)
of (Company/Organization) Btm / Farmington N.M.

3. Topic of Conversation: Chuska Energy Co. to Harken Southwest Corp.

4. Highlights of Conversation: _____
They have not rec'd doc. of name change. When they do receive doc. they
will most likely keep "Chuska" as operator yet mail any correspondence
% Harken, until BIA approval. (BIA approval may take a while!)

* 940210 Per Admin. OK to change.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-DEC	7-SJ ✓
2-DTB	8-FILE ✓
3-VLC	
4-RJF	✓
5-IEO	
6-PL	✓

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: 1-18-94)

TO (new operator) <u>HARKEN SOUTHWEST CORPORATION</u> FROM (former operator) <u>CHUSKA ENERGY COMPANY</u>
(address) <u>3315 BLOOMFIELD HWY</u> (address) <u>3315 BLOOMFIELD HWY</u>
<u>FARMINGTON NM 87401</u> <u>FARMINGTON NM 87401</u>
phone (<u>505</u>) <u>326-5525</u> phone (<u>505</u>) <u>326-5525</u>
account no. <u>N 9290</u> account no. <u>N9290</u>

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

Name: <u>**SEE ATTACHED**</u>	API: <u>037-31616</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

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-7-94)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 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: #096704.
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-10-94)*
- See 6. Cardex file has been updated for each well listed above. *(2-10-94)*
- See 7. Well file labels have been updated for each well listed above. *(2-10-94)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 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

- See 1. (Rule R615-8-7) 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).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A See 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) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 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.
- OTS
3/2/94
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

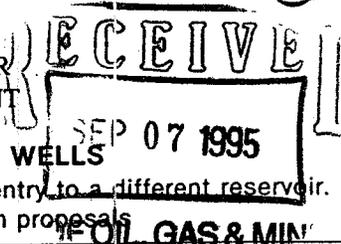
1. All attachments to this form have been microfilmed. Date: March 7 1994.

FILING

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

COMMENTS

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator <u>Harken Southwest Corporation</u>	6. If Indian, Allottee or Tribe Name <u>NAVAJO</u>
3. Address and Telephone No. <u>P.O. Box 612007 Dallas, Texas 75261-2007 (214) 753-6900</u>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>See Attached List</u>	8. Well Name and No. <u>See Attached List</u>
	9. API Well No. <u>43 037-31616</u>
	10. Field and Pool, or Exploratory Area <u>See Attached List</u>
	11. County or Parish, State <u>San Juan, Utah</u>

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 type="checkbox"/> Other <u>Flaring during plant shut-down</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 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.)*

Pursuant to the attached notice from Elkhorn Operating, Harken Southwest request permission to vent/flare all non-lease use gas from September 18, 1995 thru September 22, 1995 or until the Aneth Plant resumes operation.

Attached is a list of wells which will be affected by the plant shut down. The list is compiled in API number order.

Should any questions arise, please contact Mr. Richard Cottle, Farmington, New Mexico @ (505) 327-5531 or the undersigned.

cc: Navajo Nation
State of Utah

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

Signed Richard Montgomery Title Production Administrator Date Sept 6, 1995

(This space for Federal or State office use)

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

Title 18 U.S.C. Section 1001, makes 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.

HARKEN SOUTHWEST CORPORATION

Request permission to flare/vent gas production on the following wells during the shut-down of the Aneth Plant Monday, September 18 thru Friday, September 22, 1995.

<u>Well Name</u>	<u>Sec-Twnshp-Rng</u>	<u>API Number</u>
Navajo Tribal 23-13	13-40S-24E	43-037-30971
Navajo Tribal 41-2	02-42S-24E	43-037-31041
Sahgzie #1	05-42S-24E	43-037-31472
Anasazi #1	05-42S-24E	43-037-31478
Cajon Mesa 8D-1	08-40S-25E	43-037-31497
Monument 8N-2	08-40S-25E	43-037-31509
Runway 10G-1	10-40S-25E	43-037-31515
Monument 17E	17-40S-25E	43-037-31547
Runway 10E-2	10-40S-25E	43-037-31550
Blue Hogan 1J-1	01-42S-23E	43-037-31562
Anasazi 5L-3	05-42S-24E	43-037-31572
Brown Hogan 1A-2	01-42S-23E	43-037-31573
Runway 10C-5A	10-40S-25E	43-037-31597
North Heron 35C	35-41S-25E	43-037-31616
Burro 31-I	31-41S-24E	43-037-31708
Jack 31G	31-41S-24E	43-037-31709
Mule 31M	31-41S-24E	43-037-31710
Big Sky 6E (6L)	06-42S-25E	43-037-31714
Hillside 6C-1	06-42S-25E	43-037-31721



ELKHORN OPERATING COMPANY
ANETH PLANT
P.O. BOX 70
MONTEZUMA CREEK, UTAH 84534
Memorandum

To: See Distribution List
From: Gene Gruetta
Date: August 18, 1995
Subject: ANETH PLANT SHUTDOWN

Aneth Plant will be shut down on September 18, 1995 to make necessary repairs to the cooling tower, inspect and clean gas coolers, and repair other equipment which requires a plant shutdown.

We plan to have the plant started back up the afternoon of Friday, September 22, 1995.

Each operator will need to make whatever contacts with regulatory agencies and gas marketers, etc. they deem necessary.

Should you have questions, call the writer at (801)631-3254.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE RECEIVED
NOV 14 1995
RECEIVED NOV 14 1995
BLM MAIL ROOM

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

SUNDRY NOTICES AND REPORTS ON WELLS DIV. OF OIL, GAS & MINES

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.

5. Lease Designation and Serial No.

NOG 8707-1233
If Indian Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

N. Heron 35C

9. API Well No.

43-037-31616

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Harken Southwest Corporation

3. Address and Telephone No.

P.O. Box 612007, Dallas, Texas 75261 (214) 753-6900

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

NE/NW Sec 35-41S-25E
900' FNL & 2285' FWL

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 checked="" 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>Venting</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 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.)*

As a result of maintenance procedures performed by Elkhorn Operating between September 18 and 27, 1995 Harken Southwest vented 204 MCF of gas on the subject well.

CC: State of Utah
Navajo Nation

ACCEPTED FOR RECORD

OCT 11 1995

FARMINGTON DISTRICT OFFICE

BY Ray Wagner

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

Signed

Montgomery

Title

Production Administrator

Date

10/2/95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See instruction on Reverse Side

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

5. Lease Designation and Serial No.

NOG 8707-1233

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

N. Heron 35C

9. API Well No.

43-037-31616

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Harken Southwest Corporation

3. Address and Telephone No.

P.O. Box 612007 Dallas, Texas 75038-2007

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

NE/NW Sec. 35-41S-25E
900' FNL & 2285' FWL

12. CHECK APPROPRIATE BOX(s) 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"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on 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.)*

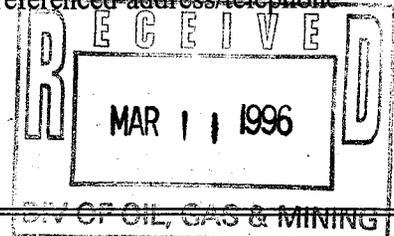
Attached please find wellbore diagrams (current & proposed) and the detailed procedures for recompleting the subject wellbore to an Ismay completion.

Well Detail: 4760' KB 4747' GL (13')
5752' MD 5708' PBTB
Surface csg: 8-5/8", 24# @ 522' w/375 sxs cmt
Production csg: 5-1/2", 15.5# @ 5752' w/2075 sxs cmt in two stages

Current Status: Producing - Desert Creek formation

Should any additional information be required, please feel free to contact Mr. Richard Cottle in Harken's Farmington, NM office @ (505) 327-5531 or the undersigned at the above referenced address/telephone number.

CC: State of Utah
Navajo Nation - Minerals Dept
BIA - Gallup, NM



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

Signed Montgomery

Title Production Administrator

Date 03/07/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

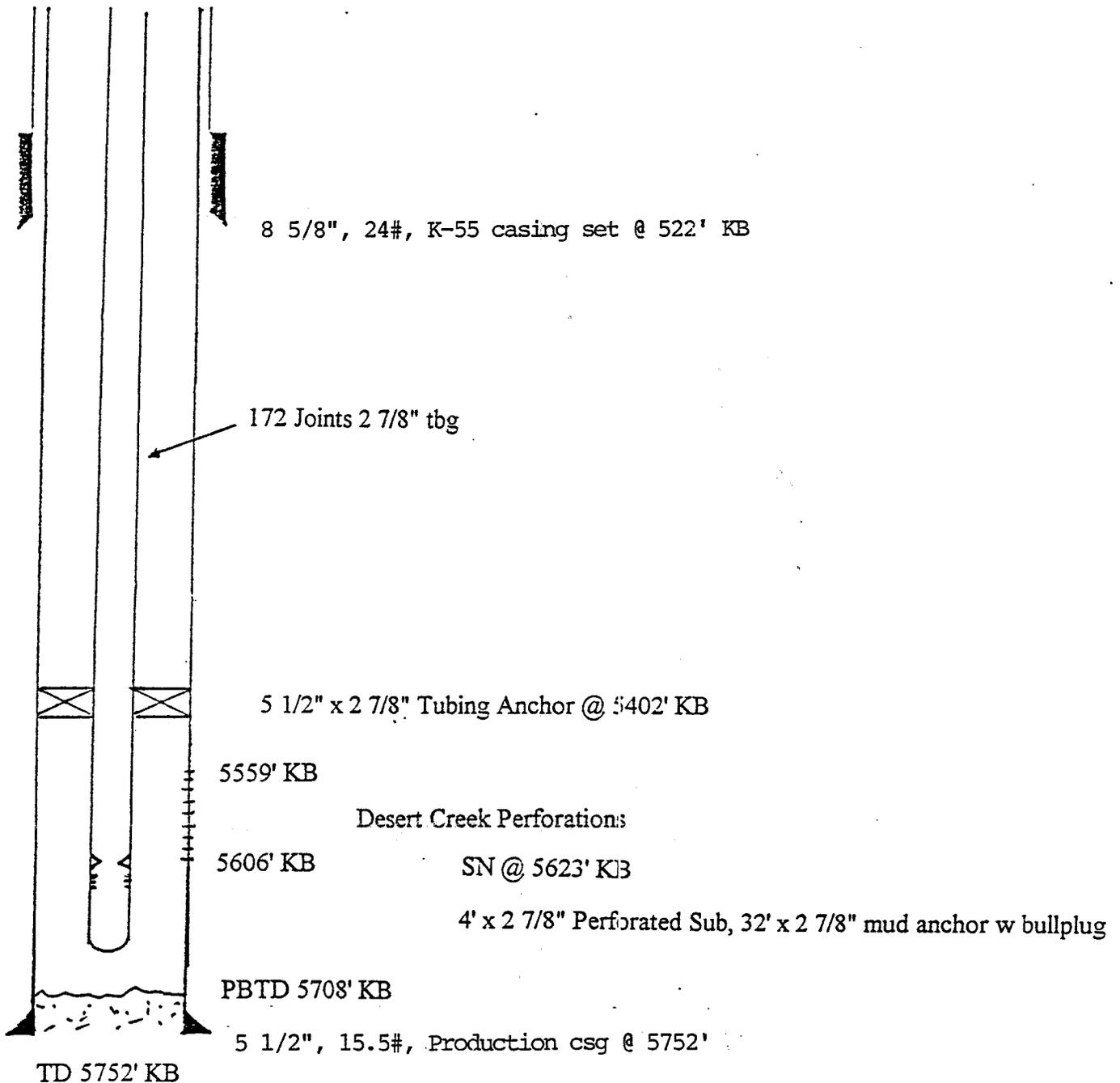
Date _____

HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

N. HERON 35-C Present Wellbore Configuration

All depths KB



- 2 1/2" x 1 1/4" x 12' x 15' x 18' RHAC-SJ
- 107 3/4" x 25' plain rods
- 41 3/4" x 25' scraped rods
- 77 7/8" x 25' scraped rods
- 2 7/8" x 6', 8' pony rods
- 1 1 1/2" x 26' spray metal Polished rod

North Heron 35-C Ismay Recompletion
900' FNL, 2285' FWL, Sec 35-T41S-R25E
San Juan County, Utah
March 1, 1996
ROC

Recompletion Procedures:

1. RU to hot oil backside, MIRU workover rig. Hang off well, unseat pump, POOH with rods, lay down first 10 rods and stand back remainder. NU BOP's.
2. Unset tubing anchor and POOH with tubing, anchor and SN with mud anchor.
3. PU retrievable bridge plug and RIH with BP on tubing to 5535' KB. Set BP at 5535' KB (seals). Test BP and casing to 1000 psi. POOH with tubing and setting tool.
4. RU lubricator. RIH w/CCL and 4" csg gun to shoot Ismay from 5480-86' KB (6'). Correlate on depth with cased hole and open hole logs, LDT/CNL/GR dated September 30, 1991. Perforate 4 JSPF. Note any pressure increase on lubricator. POOH w/gun and CCL.
5. RIH w/ R-3 packer to 5450' KB (EOT). Spot 2000 gallons of 15% HCL with additives to end of tubing (31.8 bbl). Set packer and squeeze acid into perfs. Maximum applied pressure 3000 psig at surface (1.0 psi/ft Ismay frac gradient). Keep pump rates below 2 BPM to help assure no frac is initiated and to keep acid in zone.
6. Wait 30 minutes for acid to spend. With packer at 5450' KB, RU to swab.
7. Swab for clean-up (ie 6.0 pH) and note oil, gas and water rates.
8. **IF** economically productive, unset packer and POOH with packer and tubing. PU mud anchor, SN and RIH on tubing to set @ 5490' KB to produce Ismay only. **IF** uneconomic, POOH with packer and tubing, PU retrieving tool and retrieve BP @ 5535' KB. POOH with BP, PU Rhino-type casing patch and TIH with assembly to straddle Ismay perfs isolating them and allowing Desert Creek gas to flow to surface up the annulus.

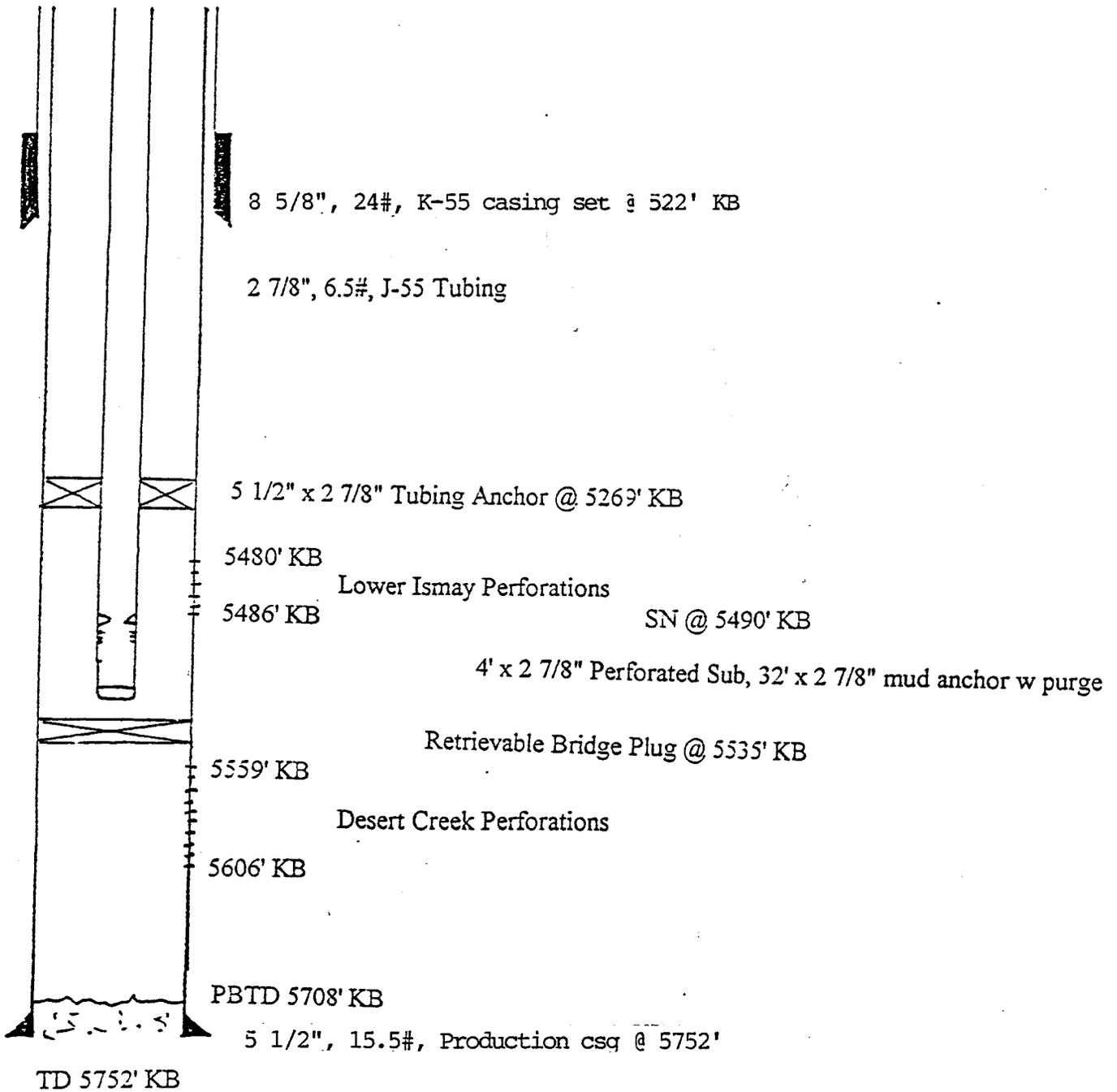
HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

N. HERON 35-C

Post Ismay Recompletion Wellbore Configuration

All depths KB



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

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NOG-8707-1233

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

North Heron 35C

9. API Well No.

43-037-31616

10. Field and Pool, or Exploratory Area

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Harken Southwest Corporation

3. Address and Telephone No.

P.O. Box 612007, Dallas, Texas 75261-2007 (972)-753-6900

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

900' FNL & ~~2205'~~ FWL **2485 FWL
~~NE/NW Section 35-41S-25E~~**

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

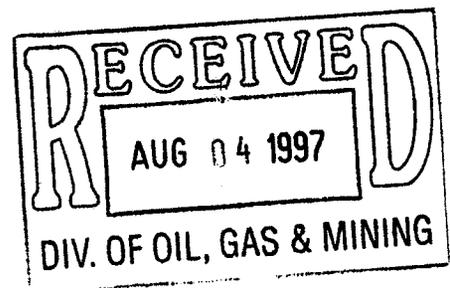
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Status Change
	<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 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.)*

The subject wellbore is currently shut-in for economic evaluation. The North Heron 35-C is uneconomical at the current production rates and lease operating expenses.

CC: State of Utah
Navajo Nation - Minerals Dept
BIA - Gallup, NM.



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

Signed

[Signature]

Title **Production Administrator**

Date **07/31/97**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 15 1998
DIV. OF OIL, GAS & MINING

FORM APPROVED
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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NOG 8707-1233
2. Name of Operator Harken Southwest Corporation	6. If Indian, Allottee or Tribe Name Navajo
3. Address and Telephone No. P. O. Box 612007, Dallas, TX 75261-2007 (972) 753-6900	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NW Section 35-41S-25E 900' FNL & 2285' FWL	8. Well Name and No. North Heron 35C
	9. API Well No. 43-037-31616
	10. Field and Pool, or Exploratory Area
	11. County or Parish, State San Juan Co., Utah

12. CHECK APPROPRIATE BOX(S) 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"/> 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>Testing</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 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.)*

The subject wellbore is currently uneconomic due to high water production and associated disposal expenses. Shut-in authorization expires on February 1, 1998.

Harken Southwest request approval of the attached procedure to perform a swab and injectivity test in addition to an Ismay Squeeze. Should the Desert Creek (DC) prove to be economic, the well will be placed on production. On the other hand, if the Desert Creek is uneconomic Harken Southwest proposes to begin the permitting procedures to convert the well an injection well.

Should any questions arise please contact Mr. Richard Cottle or the undersigned at (972) 753-6900.

CC: State of Utah ✓
Navajo Nation - Minerals
BIA - Gallup, NM

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

Signed [Signature] Montgomery Title Production Administrator Date 01/12/98

(This space for Federal or State office use)

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

NORTH HERON 35C
900' FNL & 2485' FWL
Section 35, T41S, R25E
San Juan County, Utah

Swab Test/Injectivity Test/Ismay Squeeze

1. MIRU
2. Unset Rhino packer, POH w/ packer and tubing. Round trip casing scraper and bit to PBTD @ 5708' KB.
3. PU Lock-set packer. RIH to 5500' KB. Set packer. RU to swab.
4. Swab D.C. perfs for WC test (2 day) to determine economics Qel = 8 BOPD 50% WC. If uneconomic - go to step 10.
5. If uneconomic, RU to do injectivity test. RU injection equipment. Pump swab fluids (water) and produced fluids into DC. Make sure backside is full and monitor Ismay perfs on backside for possible communication with D.C. perfs. RD; move out.
6. Inject and record, TP, CP and rates. Inject for 1 week to determine injectivity and communication with Ismay perfs.
7. If successful (i.e. no leaks and good injectivity), MIRU.
8. Unset packer. PUH to 5400' KB. Reset packer. Fill backside. Test backside to 1000 psig for 30 min. RU Injectors. Begin injector test into D.C. and Ismay perfs combined. Record TP, CP & rates. Plot injectivity rate vs. pressure.
9. Run 1-week injectivity test. Begin disposal well permitting.
10. If D.C. is economic. Unset lock-set packer. POH with tubing and packer. PU ret., BP and RIH with ret. BP to 5500' KB +/- 10'. Set BP. Circulate 1 sack of sand on top of BP. POH with tubing and setting tool.
11. PU cement retainer. RIH with cement ret. To 5420' +/- 10'. Set cement retainer. Unsting from retainer. Mix up 50 sacks of class G cement with additives. Circulate cement to stringer. String in and squeeze Ismay perfs from 5480-5486'. Maximum pressure applied at surface 2500 psig.
12. Unsting from retainer and reverse tubing clean. POH with tubing and stinger. WOC overnight.
13. PU mill and 6 drill collars to drill out cement and retainer. Drill out to retainer BP. Pressure up on casing to 1000 psig to pressure test for 30 minutes. Circulate sand off of retainer BP. POH with tubing, DC's and mill.

North Heron 35C

Page 2

14. PU BP retrieving tool. Circulate to BP, latch onto BP, unset and POH with tubing, retainer tool and BP.
15. PU downhole production assembly of purge, mud anchor perf sub, SN and TA. RIH with tubing. Set SN @ 5610' KB. Run new pump and rods. POP.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 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

HARKEN
 Susan Herrera
 RIM SOUTHWEST CORPORATION
 C/O HOLCOMB OIL AND GAS, INC.
 PO BOX 2058
 FARMINGTON, NM 87499-2058

UTAH ACCOUNT NUMBER: N9290
 REPORT PERIOD (MONTH/YEAR): 02/2001
 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)	
NAVAJO TRIBAL 23-13										
4303730971	09420	40S 24E 13	DSCR	P	OW	28	1,071	551	2,296	
NAVAJO TRIBAL 41-2										
4303731041	09437	42S 24E 02	DSCR	P	OW	19	174	23	0	
NAVAJO TRIBAL 32-26										
4303731060	09990	40S 22E 26	DSCR	P	OW	8	104	291	0	
NAVAJO TRIBAL 14-10										
4303730977	10130	40S 24E 05	DSCR	P	OW	28	93	0	0	
SAHGZIE 1										
4303731472	11032	42S 24E 05	DSCR	P	OW	28	1,025	476	0	
ANASAZI 1										
4303731478	11042	42S 24E 05	DSCR	P	OW	28	1,308	1,349	0	
CAJON MESA 8D-1										
4303731497	11074	40S 25E 08	DSCR	P	OW	27	245	355	61	
MONUMENT 8N-2										
4303731509	11087	40S 25E 08	DSCR	P	OW	28	239	496	0	
RUNWAY 10G-1										
4303731515	11105	40S 25E 10	DSCR	S	OW	28	1,412	1,613	432	
RUNWAY 10E-2										
4303731550	11128	40S 25E 10	DSCR	S	GW	27	279	917	0	
MONUMENT 17E-2										
4303731547	11139	40S 25E 17	DSCR	S	OW	26	157	548	0	
LONE MOUNTAIN CREEK 12F-1										
4303731545	11148	42S 24E 12	DSCR	P	OW	22	149	533	12	
RUNWAY 10C-5A										
4303731597	11152	40S 25E 10	DSCR	P	OW	24	221	899	40	
TOTALS								6477	8051	2841

COMMENTS: _____

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

Date: April 13, 2001

Signature

Susan M. Herrera
 Susan M. Herrera

RECEIVED

Telephone Number

(505) 326-0550

APR 17 2001

DIVISION OF
 OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 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

Susan Herrera
 RIM SOUTHWEST CORPORATION
 C/O HOLCOMB OIL AND GAS, INC.
 PO BOX 2058
 FARMINGTON, NM 87499-2058

UTAH ACCOUNT NUMBER:

N9290

REPORT PERIOD (MONTH/YEAR):

02/2001

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)
✓	BLUE HOGAN 1J-1								
4303731562	11161	42S 23E 01	DSCR	P	OW	27	800	778	36
✓	ANASAZI 5L-3								
4303731572	11207	42S 24E 05	DSCR	P	OW	28	1,187	1,284	0
✓	BROWN HOGAN 1A-2								
4303731573	11215	42S 23E 01	DSCR	P	OW	28	297	504	0
✓	STERLING 36L-1								
4303731595	11224	41S 23E 36	DSCR	S	OW	0	0	0	0
✓	MULE 31K (N)								
4303731617	11326	41S 24E 31	DSCR	P	OW	28	308	348	73
✓	NORTH HERON 35C								
4303731616	11479	41S 25E 35	DSCR	S	OW	0	0	0	0
✓	BURRO 31I								
4303731708	11496	41S 24E 31	DSCR	P	OW	28	489	0	0
✓	JACK 31G								
4303731709	11497	41S 24E 31	DSCR	S	OW	0	0	0	0
✓	MULE 31M								
4303731710	11498	41S 24E 31	DSCR	P	OW	28	1,074	333	120
✓	BIG SKY 6E (6L) 1								
4303731714	11722	42S 25E 06	DSCR	P	OW	26	262	551	0
✓	CLAY HILL CANYON 32D								
4303731741	11734	41S 25E 32	DSCR	TA	NA	0	0	0	0
✓	ANASAZI 6H-1								
4303731744	11773	42S 24E 06	DSCR	P	OW	28	205	303	0
TOTALS							4622	4101	229

COMMENTS:

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

Date: April 13, 2001

Signature

Susan M. Herrera
 Susan M. Herrera

Telephone Number (505) 326-0550

APR 17 2001

DIVISION OF
 OIL, GAS AND MINING

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 <u>SEE ATTACHED</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: RIM Southwest Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo
3. ADDRESS OF OPERATOR: P.O. Box 145 CITY Farmington STATE NM ZIP 87499		7. UNIT or CA AGREEMENT NAME: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: SEE ATTACH
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
STATE: UTAH		

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

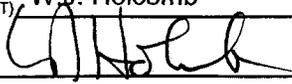
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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 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>Corporate Name Change</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.
Corporate Name Change from Harken Southwest Corporation to RIM Southwest Corporation, effective December 1, 2000 for reporting requirements.

RECEIVED

APR 27 2001

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>W.J. Holcomb</u>	TITLE <u>Vice-President</u>
SIGNATURE 	DATE <u>4/23/2001</u>

(This space for State use only)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

12/1/2000

FROM: (Old Operator): N9290-Harken Southwest Corporation 5 Inverness Drive, East Denver, CO 80112 Phone: (303) 799-9828	TO: (New Operator): N1715-Rim Southwest Corporation PO Box 145 Farmington, NM 87499 Phone: (505) 327-5531
--	---

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO TRIBAL 32-26	26	400S	220E	4303731060	9990	Indian	OW	S
NAVAJO TRIBAL 14-10	10	400S	240E	4303730977	10130	Indian	OW	P
NAVAJO TRIBAL 23-13	13	400S	240E	4303730971	9420	Indian	OW	P
CAJON MESA 8D-1	08	400S	250E	4303731497	11074	Indian	OW	P
MONUMENT 8N-2	08	400S	250E	4303731509	11087	Indian	OW	P
RUNWAY 10G-1	10	400S	250E	4303731515	11105	Indian	OW	P
RUNWAY 10E-2	10	400S	250E	4303731550	11128	Indian	GW	P
RUNWAY 10C-5A	10	400S	250E	4303731597	11152	Indian	OW	P
MONUMENT 17E-2	17	400S	250E	4303731547	11139	Indian	OW	P
STERLING 36L-1	36	410S	230E	4303731595	11224	Indian	OW	S
MULE 31K (N)	31	410S	240E	4303731617	11326	Indian	OW	P
BURRO 31I	31	410S	240E	4303731708	11496	Indian	OW	P
MULE 31M	31	410S	240E	4303731710	11498	Indian	OW	P
JACK 31G	31	410S	240E	4303731709	11497	Indian	OW	S
CLAY HILL CANYON 32D	32	410S	250E	4303731741	11734	Indian	OW	TA
NORTH HERON 35C	35	410S	250E	4303731616	11479	Indian	OW	S
BLUE HOGAN 1J-1	01	420S	230E	4303731562	11161	Indian	OW	P
BROWN HOGAN 1A-2	01	420S	230E	4303731573	11215	Indian	OW	P
NAVAJO TRIBAL 41-2	02	420S	240E	4303731041	9437	Indian	OW	P
SAHGZIE 1	05	420S	240E	4303731472	11032	Indian	OW	P
ANASAZI 1	05	420S	240E	4303731478	11042	Indian	OW	P
ANASAZI 5L-3	05	420S	240E	4303731572	11207	Indian	OW	P
ANASAZI 6H-1	06	420S	240E	4303731744	11773	Indian	OW	P
LONE MOUNTAIN CREEK 12F-1	12	420S	240E	4303731545	11148	Indian	OW	P
BIG SKY 6E (6L) 1	06	420S	250E	4303731714	11722	Indian	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/27/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/27/2001
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/30/2003

4. Is the new operator registered in the State of Utah: YES Business Number: 794466-0143

5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: 8/13/2003

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: not given

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

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: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/26/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2003

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: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB0001937

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:

Because this was a merger, all LA and PA wells belong to Rim Southwest also. However, they are still on our computer as Harken Southwest because no list was provided to move them.

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.
NOG 8707-1233

6. If Indian, Allottee or Tribe Name
Navajo Tribal

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
North Heron # 35-C

9. APT Well No.
43-037-31616

10. Field and Pool, or Exploratory Area

11. County or Parish, State
San Juan County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

Well Well Other

2. Name of Operator *Harken SW*
RIM SW Holding Corporation

3. Address and Telephone No.
#5 Inverness Drive East, Englewood, CO 80112 ; Ph. (303) 799-9828 ext. #303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NENW (900' FNL - 2,485' FWL) Sec. 35, T41S - R25E

12. CHECK 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 checked="" type="checkbox"/> Abandonment
<input checked="" 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 type="checkbox"/> Other
	<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 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.)

Subject well was P&A'd by Harken Southwest Corporation from June 19 thru 22, 2000 as per the attached daily reports (4 pages).

Please contact either Steve Mansur (505-327-5531) or myself if there are any questions concerning this procedure.

~~Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.~~

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

Signed *Quinn L. Peters*

Title Operations Engineer

Date 05/14/01

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes 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.

RECEIVED

MAY 19 2001

*See Instructions on Reverse Side

MAY 19 2001

DIV. OF OIL, GAS & MINING

OPERATOR

OFFICE

HARKEN SOUTHWEST CORPORATION

WORKOVER / FACILITIES REPORT

Wellname & Number NORTH HERON #35-C			Report Date 6/22/2000		Prospect/ Field ANETH		County / State SAN JUAN	
Report # 4	AFE #/ LOE # #10072/ #1012		TD 5,752'	PBTD 5,708'	RIG KEY ENERGY RIG # 31			
Current Perforations / Formations ISMAY 5,480'- 6' D.CR. 5,559' TO 5,606'			Packer / Seating Nipple CIBP @ 5,365'			Rig Supervisor SJM		
			Casing Size & Depth 5 1/2" 15.5# K-55 STC		Weather Conditions CLEAR H90/ L62			
FROM		TO	HOURS	Summary of Operation				
700		900	2					
RD & MOL. DRAINED, REMOVED FENCE/LINER, & COVERED WASH/ WORKOVER PIT. DUG OUT & REMOVED								
DEADMEN. DRAINED 400 BBL. FRAC TK. (100 BBLS.) & HAULED TO THE YARD. PILED & HAULED OFF ALL OIL/								
SALT SOAKED DIRT TO THE MULE #31M LAND FARM. HAULED WELLHEAD TO THE YARD. WILL INSTALL DRY								
HOLE MARKER ON 6/23, 4' BELOW GR. LEVEL. TBG. WILL BE CLEANED (PIN & COLLAR ENDS) & PROTECTORS								
INSTALLED WK. OF 6/26. THE LOCATION WILL BE GRADED THE WK. OF 6/26.								
I DISCUSSED W/ JOE RUYBALID (BLM INSPECTION BRANCH) THAT HSW WOULD INSTALL THE DRY HOLE MARKER								
4' BELOW GR. LEVEL AS PER RUBY SAM'S REQUEST. JOE HAD NO PROBLEM W/ THAT (6/21).								

Fluids Used

0 B O

195 B W

195 Total BBLS

Fluids Recovered

0 B O

0 B W

0 Total BBLS

Actual Costs

Daily - Comp / WO \$1,375.00

Previous Comp / WO \$34,051.60

Cl.m - Comp / WO \$35,426.60

HARKEN SOUTHWEST CORPORATION

WORKOVER / FACILITIES REPORT

Wellname & Number NORTH HERON #35-C				Report Date 6/21/2000		Prospect/ Field ANETH		County / State SAN JUAN	
Report # 3		AFE # / LOE # #10072 / #1012		TD 5,752'		PBD 5,708'		RIG KEY ENERGY RIG # 31	
Current Perforations / Formations ISMAY 5,480'- 6' D.CR. 5,559' TO 5,606'				Packer / Seating Nipple CIBP @ 5,365'			Rig Supervisor SJM		
				Casing Size & Depth 5 1/2" 15.5# K-55 STC			Weather Conditions CLEAR, BREEZY H90/ L62		
FROM		TO		HOURS		Summary of Operation			
600		1700		11					
SET RETAINER @ 5,365' (197 JTS., AVG. JT. 29.91'). RU HALLIBURTON. FOLLOD THE HOLE W/ 120 BBLs. BRINE									
WTR. CIRC. AFTER 50 BBLs. PUMPED. CEMENTED WELL W/ CLASS B AS FOLLOWS; 1ST PLUG,									
PUMPED 12.5 BBLs. (63 SKS.) CMT. DISPL. W/ 27.5 BBLs. BRINE. SQZ. 9 BBLs. CMT. BELOW THE RETAINER.									
STUNG OUT OF RETAINER. DISPL. 2.6 BBLs. BRINE, BALANCED PLUG 3.5 BBLs. CMT. ABOVE THE RETAINER. LD									
24 JTS. PRESS. TESTED CASING TO 500 PSI, HELD OK. TOH TBG. LD SETTING TOOL. TIH TBG. OPEN ENDED.									
2ND PLUG, HERMOSA 4,425'-4,625'. 155 JTS. 25 SKS. (5 BBLs.) DISPL. 25.4 BBLs. BRINE. LD 63 JTS.									
3RD PLUG, DECHELLE 2,532'-2,732'. 92 JTS. 25 SKS. (5 BBLs.) DISPL. 14.5 BBLs. BRINE. LD 37 JTS.									
4TH PLUG, CHINLE 1,430'-1,630'. 55 JTS. 25 SKS. (5 BBLs.) DISPL. 8 BBLs. BRINE. LD 34 JTS.									
5TH PLUG, CSG. SHOE 422'-622'. 21 JTS. 25 SKS (5 BBLs.) DISPL. 2.3 BBLs. BRINE. TOH 2 STDS. LD 17 JTS.									
ND BOP. REMOVED WELLHEAD. TIH 2 STDS. 6TH PLUG, SURFACE - 100'. 4 JTS. 13 SKS. (2.5 BBLs.) LD 4 JTS.									

Fluids Used

0 B O

195 B W

195 Total BBLs

Fluids Recovered

0 B O

0 B W

0 Total BBLs

Actual Costs

Daily - Comp / WO \$11,973.50

Previous Comp / WO \$22,078.10

Cum - Comp / WO \$34,051.60

HARKEN SOUTHWEST CORPORATION

WORKOVER / FACILITIES REPORT

Wellname & Number NORTH HERON #35-C				Report Date 6/20/2000		Prospect/ Field ANETH		County / State SAN JUAN	
Report # 2		AFE #/ LOE # #10072/ #1012		TD 5,752'		PBTD 5,708'		RIG KEY ENERGY RIG # 31	
Current Perforations / Formations ISMAY 5,480'- 6' D.CR. 5,559' TO 5,606'				Packer / Seating Nipple				Rig Supervisor SJM	
				Casing Size & Depth 5 1/2" 15.5# K-55 STC		Weather Conditions CLEAR, BREEZY H90/ L59			
FROM 600		TO 1700		HOURS 11		Summary of Operation			
<p>RLS. RHINO PKR. TOH TBG. & PKR. SLOWLY. PKR. WAS STICKING & SEVERAL TIMES THE CSG. GAS BLEW HARD. SET 400 BBL. FRAC TK. FROM THE YD. PUMPED 110 BBLs. PRODUCED WTR. THROUGHTOUT THE DAY TO KILL THE GAS FLOW. FILLED THE FRAC TK. W/ 210 BBLs. PRODUCED WTR. FROM THE 24-13 NT WELL. LD RHINO PKR. & BHA. PU & RIH 5 1/2" CEMENT RETAINER. SWFN W/ 5 S'IDS. REMAINING IN THE DERRICK. HAULED RHINO PKR. & BHA TO THE YARD, UNLOADED EQUIP. BUNDLED RODS (25 COUNT EACH) & RACKED.</p> <p>LEFT MESSAGE (24 HR. NOTICE TO P & A) ON BLM'S VOICE MAIL, 6/20 @ 8:15 AM.</p>									

Fluids Used

0 B O	
110 B W	
110 Total BBLs	

Fluids Recovered

0 B O	
0 B W	
0 Total BBLs	

Actual Costs

Daily - Comp / WO	\$5,196.40
Previous Comp / WO	\$16,881.70
Cum - Comp / WO	\$22,078.10

HARKEN SOUTHWEST CORPORATION

WORKOVER / FACILITIES REPORT

Wellname & Number NORTH HERON #35-C			Report Date 6/19/2000		Prospect/ Field ANETH		County / State SAN JUAN	
Report #	1	AFE #/ LOE #	#10072/ #1012		TD	PBD		RIG
Current Perforations / Formations ISMAY 5,480'- 6' D.CR. 5,559' TO 5,606'				Packer / Seating Nipple SN @ 5,625'			Rig Supervisor SJM	
				Casing Size & Depth 5 1/2" 15.5# K-55 STC			Weather Conditions CLEAR, WINDY H92/ L54	
FROM		TO	HOURS					
1000		1700	7		Summary of Operation			
MIR & RU. TBG. PSI 0, CSG. PSI 700. BLEED DOWN CSG. GAS. UNSEATED PUMP. TOH LAYING DOWN RODS &								
PUMP ONTO TRAILER. ND WELL HEAD. NU BOP. DUG, LINED, & FENCED IN WORKOVER/ WASH PIT.								
SPOT IN TRAILER TO LD TBG ON. SWIFN.								
REMOVAL OF ALL FACILITY EQUIP./ BURIED LINES, 1 MILE OF 4" GAS LINE, EQUIP. @ GAS METER TIE-IN WAS								
STARTED ON 4/10/00 & COMPLETED ON 4/27/00. TOTAL COST OF EQUIP. REMOVAL WAS \$13,400.00.								

Fluids Used

	0 B O
	0 B W
	0 Total BBLs

Fluids Recovered

	0 B O
	0 B W
	0 Total BBLs

Actual Costs

Daily - Comp / WO	\$16,881.70
Previous Comp / WO	\$0.00
Cum - Comp / WO	\$16,881.70

**RIM SOUTHWEST CORPORATION
5 INVERNESS DRIVE EAST
ENGLEWOOD, COLORADO 80112
(303) 799-9828
(303) 799-4259 FAX**

June 30, 2005

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

ATTN: Carolyn Williams

RE: SUBSEQUENT REPORT OF P & A
North Heron #35-C
Lease # NOG 8707-1233
San Juan County, Utah

Dear Ms. Williams:

Please find enclosed three copies of the Sundry Notices of our Subsequent Report of P & A for the above well.

If you have any further questions do not hesitate to contact the undersigned.

Sincerely,

Kenneth Kundrik/cc

Kenneth J. Kundrik
Operations Engineer

CC: The Navajo Nation
Minerals Department
PO Box 1910
Window Rock, AZ 86515

RECEIVED
JUL 05 2005
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.
NOG 8707-1233

6. If Indian, Allottee, or Tribe Name
NAVAJO NATION

SUBMIT IN TRIPLICATE – Other Instructions on page 2.

7. If Unit or CA/Agreement, Name and No.
NORTH HERON 35C

8. Well Name and No.
43-037-31616

9. API Well No.
Undesignated

10. Field and Pool, or Exploratory Area
San Juan, UT

11. County or Parish, State
San Juan, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
RIM SOUTHWEST CORPORATION

3a. Address **5 Inverness Drive East
Englewood, CO 80112**

3b. Phone No. (include area code)
303-799-9828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**900' FNL & 2485' FWL
NENW Sec 35-T41S-R25E**

RECEIVED
OCT 05 2015
DIV. OF OIL, GAS & MINING

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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<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 the 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 shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well was plugged and abandoned in June 2000. The location has been reclaimed and is ready for final inspection.

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed)
Kenneth Kundrik Title **A&D Manager**

Signature *Kenneth A. Kundrik* Date **September 30, 2015**

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)