



CHUSKA ENERGY COMPANY

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

5 March, 1991

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

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**DIVISION OF
OIL GAS & MINING**

Ref: Application for Permit to Drill
Heron-35H 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 Heron Well No. 35H 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, various archaeological sites and the presence of a nearby road in the area surrounding the desired location 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 topographic 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
Larry G. Sessions
Operations Manager

LGS/csw
File: C:\WP51\HERON.35h\APDCOVER

encl.

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CHUSKA ENERGY COMPANY

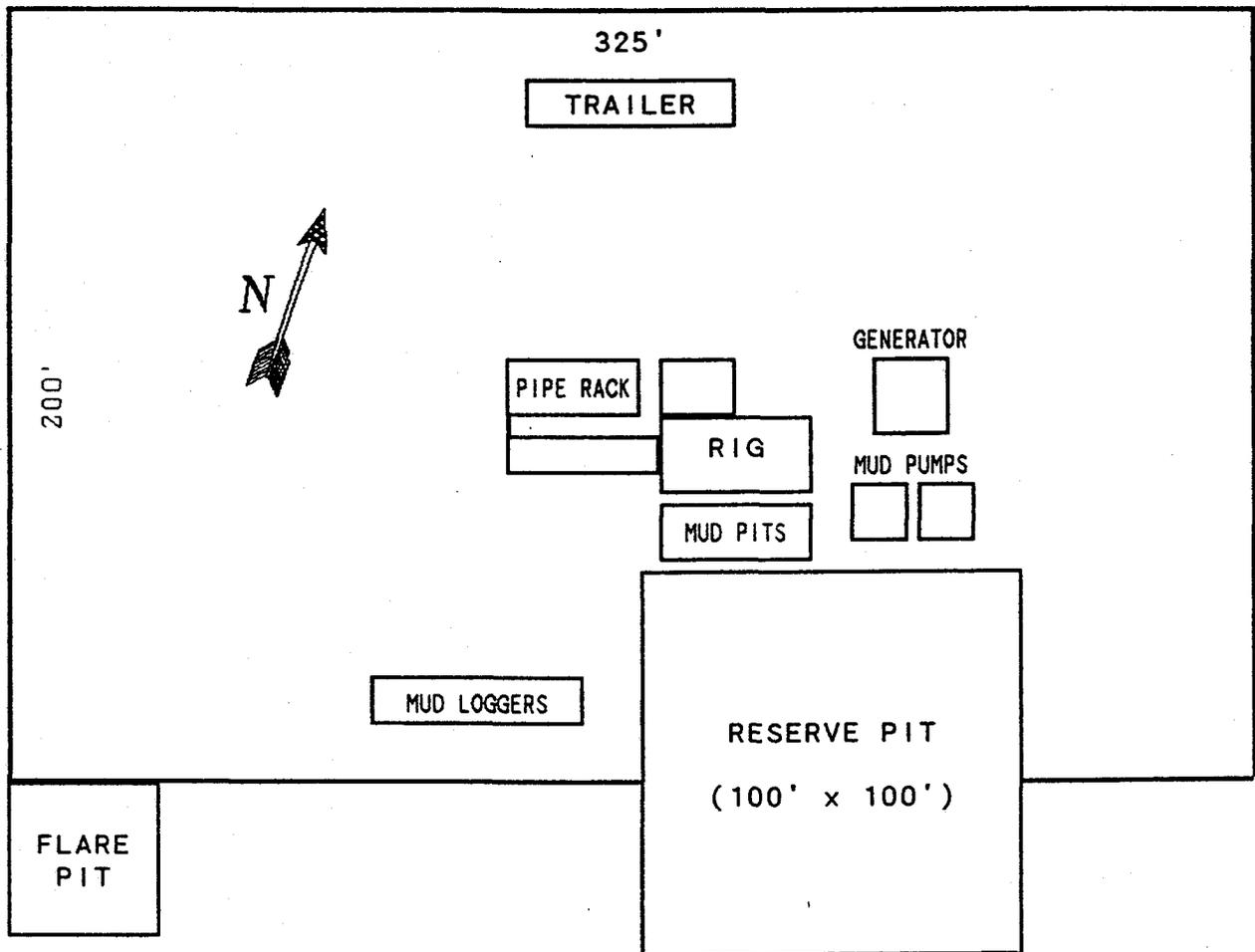
LOCATION LAYOUT

HERON-35H

1860' FNL, 370' FEL

SECTION 35, TOWNSHIP 41S, RANGE 25E

SAN JUAN COUNTY, UTAH



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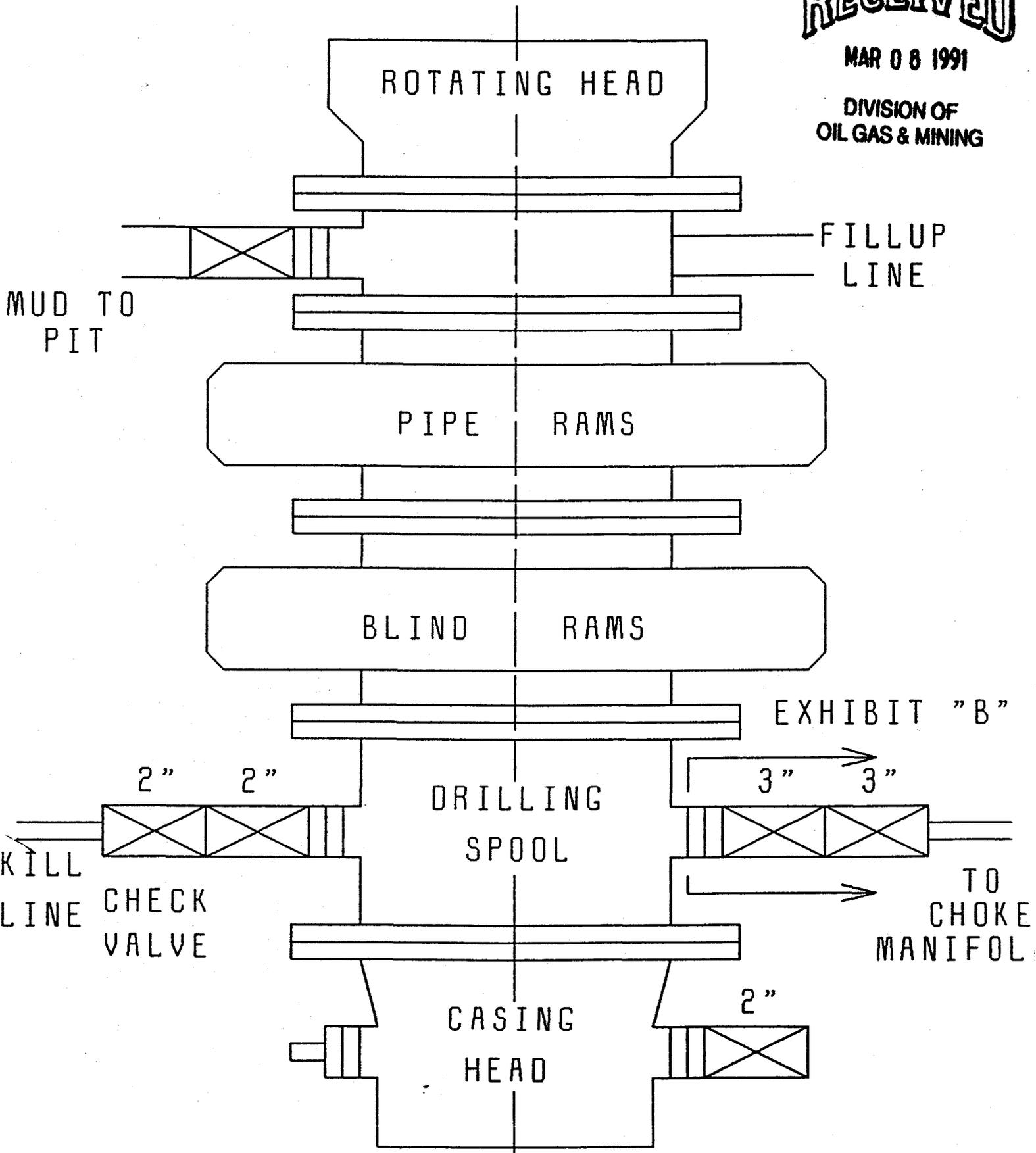
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EXHIBIT "A"
BLOWOUT PREVENTER

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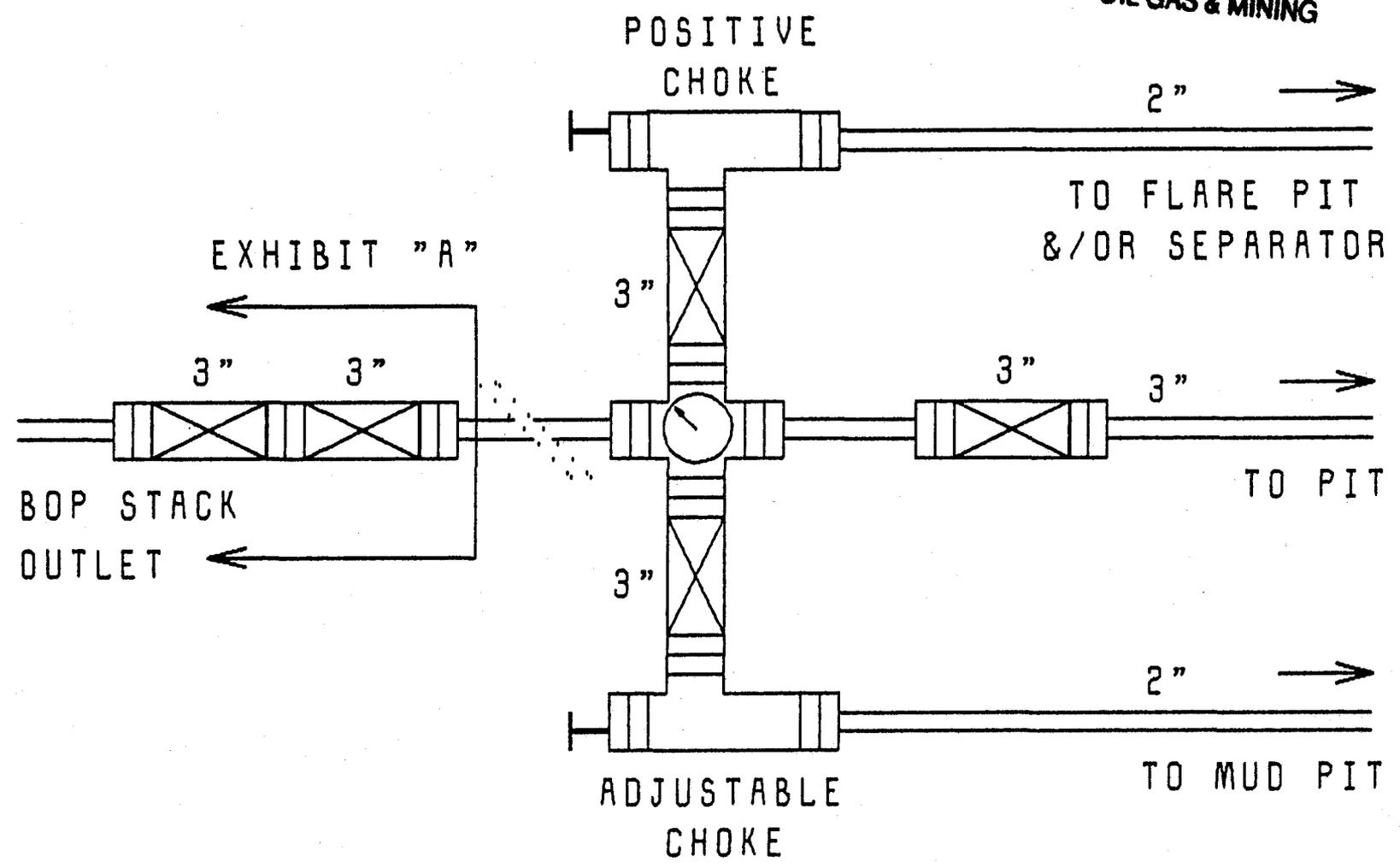


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EXHIBIT "B"
CHOKE MANIFOLD



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 1860' FNL, 370' FEL
 At proposed prod. zone Same *GENE*

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
 Heron

9. WELL NO.
 35H

10. FIELD AND POOL, OR WILDCAT
Wildcat Undesignated

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
 S35 T41S R25E *000*

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

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

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1,030'

16. NO. OF ACRES IN LEASE
 49,997

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7,428'

19. PROPOSED DEPTH
 5,760' *GR Akah*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,760' GR

22. APPROX. DATE WORK WILL START
 6-30-91

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING 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	5,760'	800 sx 'G', 65:35 Poz + 6% Gel

Refer to attached 10-Point Drilling Plan etc.

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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 *[Signature]* TITLE Operations Engineer DATE 5 March, 1991

(This space for Federal or State office use)

API PERMIT NO. 43-037-31615

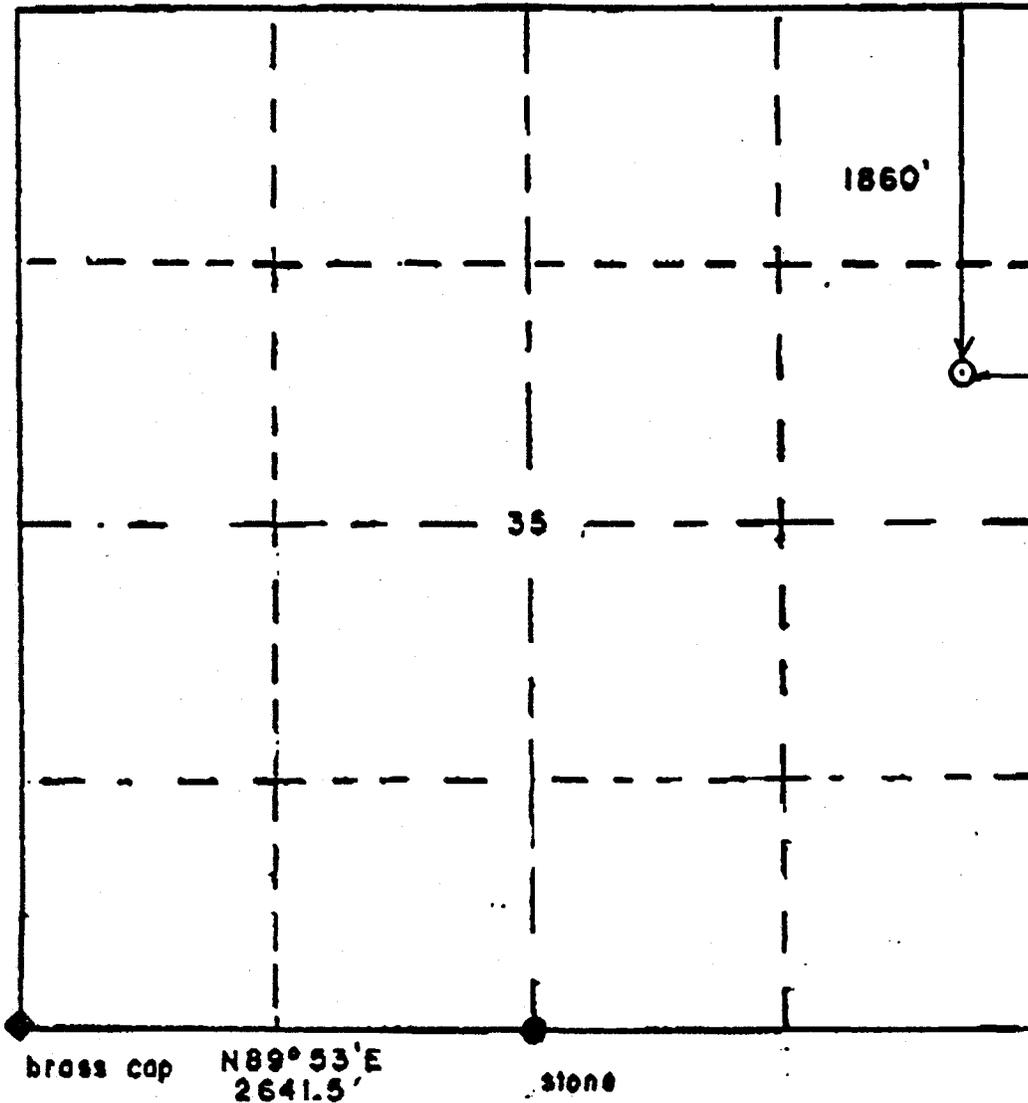
APPROVED BY THE STATE OF UTAH DIVISION OF OIL GAS, AND MINING

APPROVED BY _____ TITLE _____

DATE 3-26-91 BY *[Signature]*

*(See Instructions On Reverse Side)

WELL LOCATION PLAT



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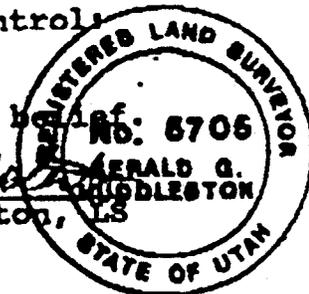
WELL LOCATION DESCRIPTION:

CHUSKA ENERGY CO., Heron 35 - H
 1860' FNL & 370' FEL
 Section 35, T.41 S., R.25 E., S1M
 San Juan County, UT
 4760' ground elevation
 State plane coordinates from seismic control:
 X = 2,689,111 Y = 195,973

The above is true and correct to my knowledge and belief

27 February 1991

Gerald G. Huddleston
 Gerald G. Huddleston, LS



CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

Heron Well No. 35H
Section 35, Township 41S, Range 25E
1860' FNL, 370' FEL
San Juan County, Utah

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1. SURFACE FORMATION

Geological name of surface formation: Morrison

2. ELEVATION

Surface elevation is 4,760' GR.

3. ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea Elevation</u>	
Surface	Morrison	+ 4,760'	
801'	Navajo	+ 3,959'	
1,551'	Chinle	+ 3,209'	
2,691'	DeChelly	+ 2,069'	
2,841'	Organ Rock	+ 1,919'	
3,466'	Cedar Mesa	+ 1,294'	
4,538'	Hermosa	+ 222'	
5,385'	Upper Ismay	- 625'	
5,490'	Lower Ismay	- 730'	Secondary Objective
5,538'	Desert Creek	- 778'	Primary Objective
5,719'	Akah	- 959'	
5,760'	Total Depth	- 1,000'	

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:	5,760'	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.

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Production Cementing:

First Stage

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OIL GAS & MINING

T.D. to 3,500' (stage collar @ \pm 3,500'). Lead with 169 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 176 sx Class 'G' cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 514 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 6-30-91.

EXHIBIT "A" BLOWOUT PREVENTER

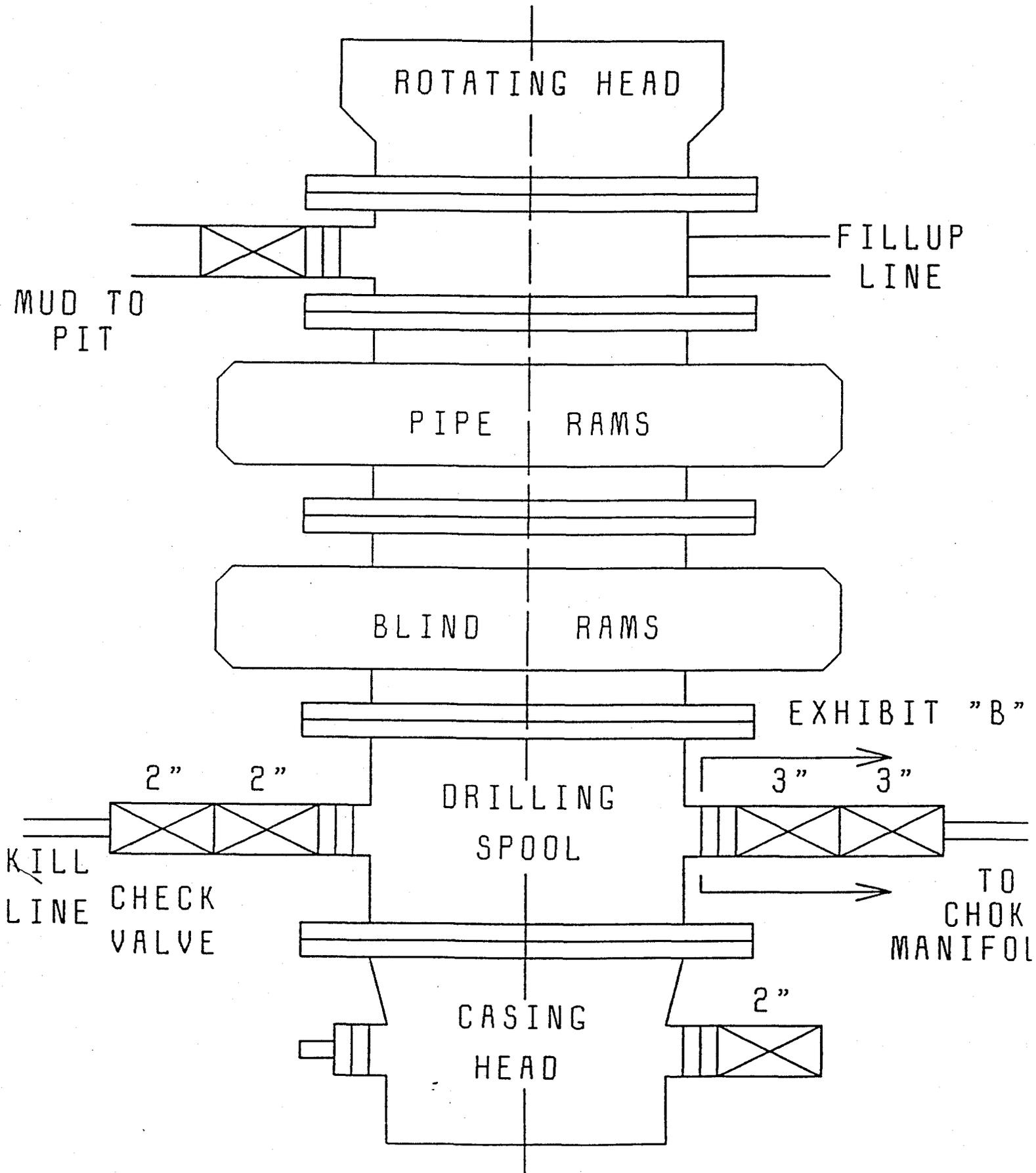
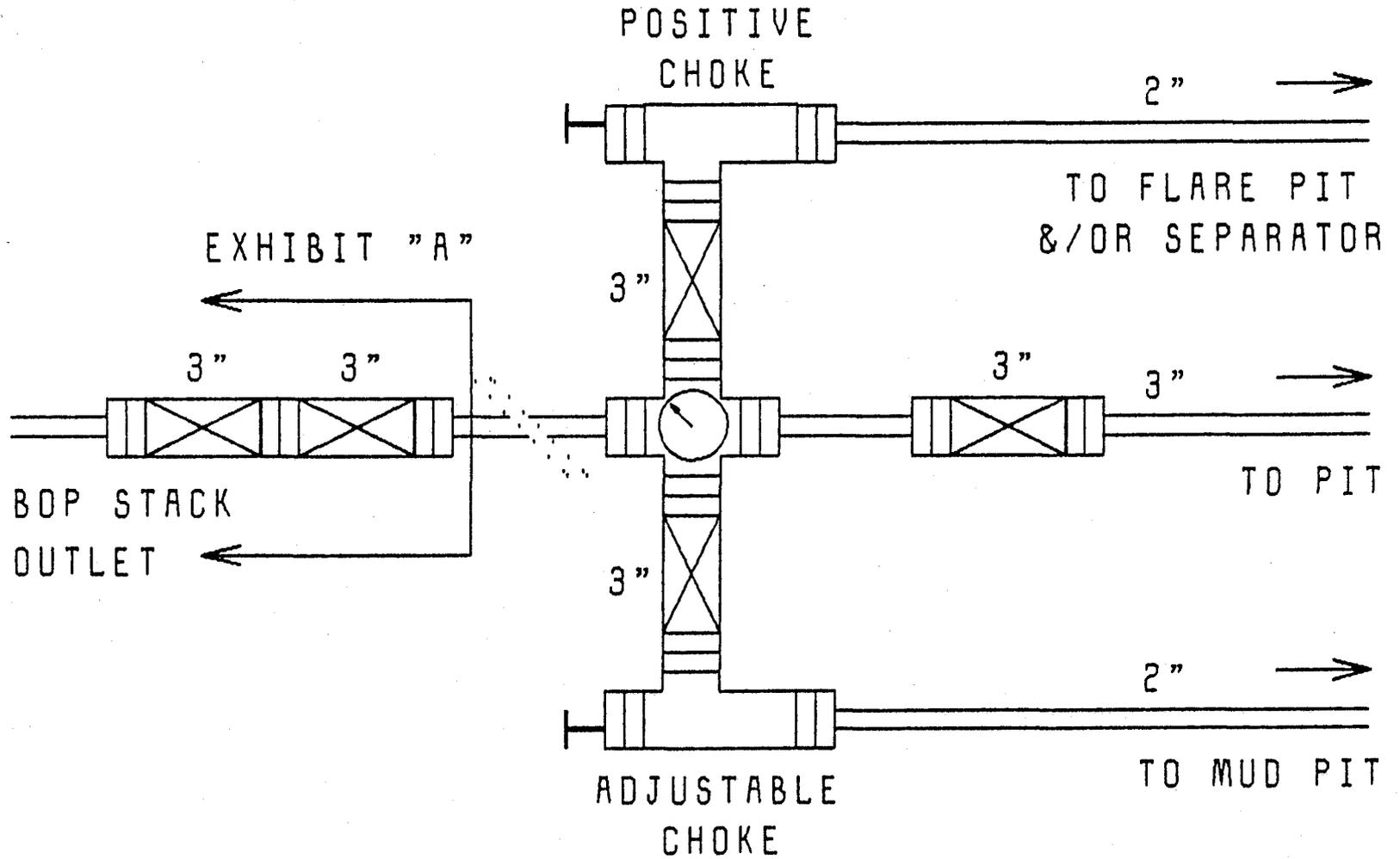


EXHIBIT "B"
CHOKE MANIFOLD



DETAILED DRILLING PROGRAM

DATE: 5 March, 1991

WELL NAME: Heron WELL NO.: 35H

LOCATION: Section 35, Township 41S, Range 25E
1860' FNL, 370' FEL
San Juan County, Utah

ELEVATION: 4,760' GR

TOTAL DEPTH: 5,760' GR

PROJECTED HORIZON: Primary target is Desert Creek at 5,686'.
Secondary target is Lower Ismay at 5,490'.

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.

Heron Well No. 35H
Section 35, Township 41S, Range 25E
1860' FNL, 370' FEL
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.

Heron Well No. 35H
Section 35, Township 41S, Range 25E
1860' FNL, 370' FEL
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

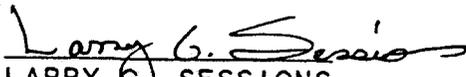
The location is laid out on a roughly east west trend and will require up to 28' of cut in the reserve pit (up to 7' of cut on the south side of the location pad) and up to 5' of fill in the north eastern corner of the location pad. Top soil removed from the pad will be stored at the well site. A reserve 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.

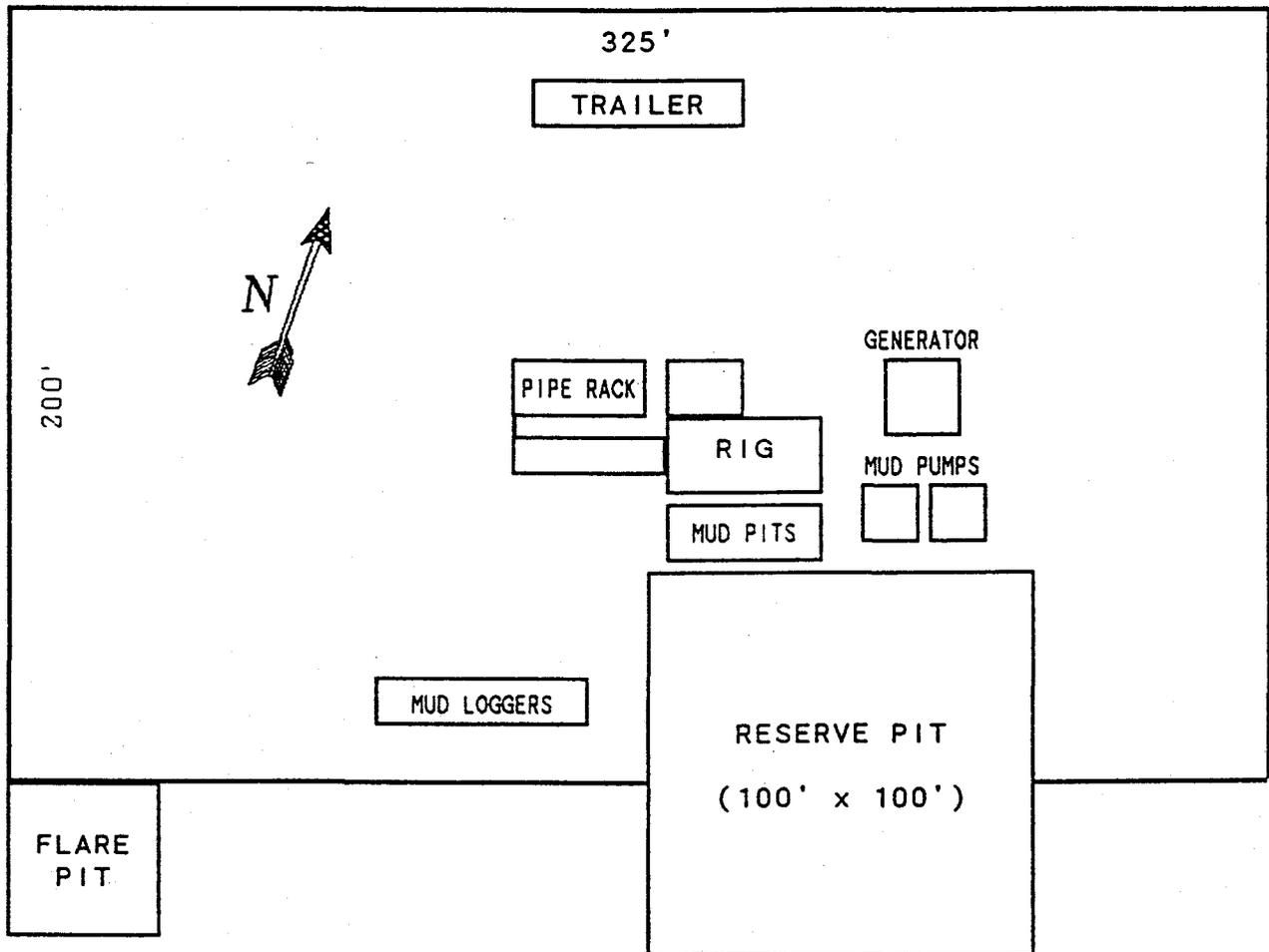

LARRY G. SESSIONS
Operations Manager

HERON-35H

1860' FNL, 370' FEL

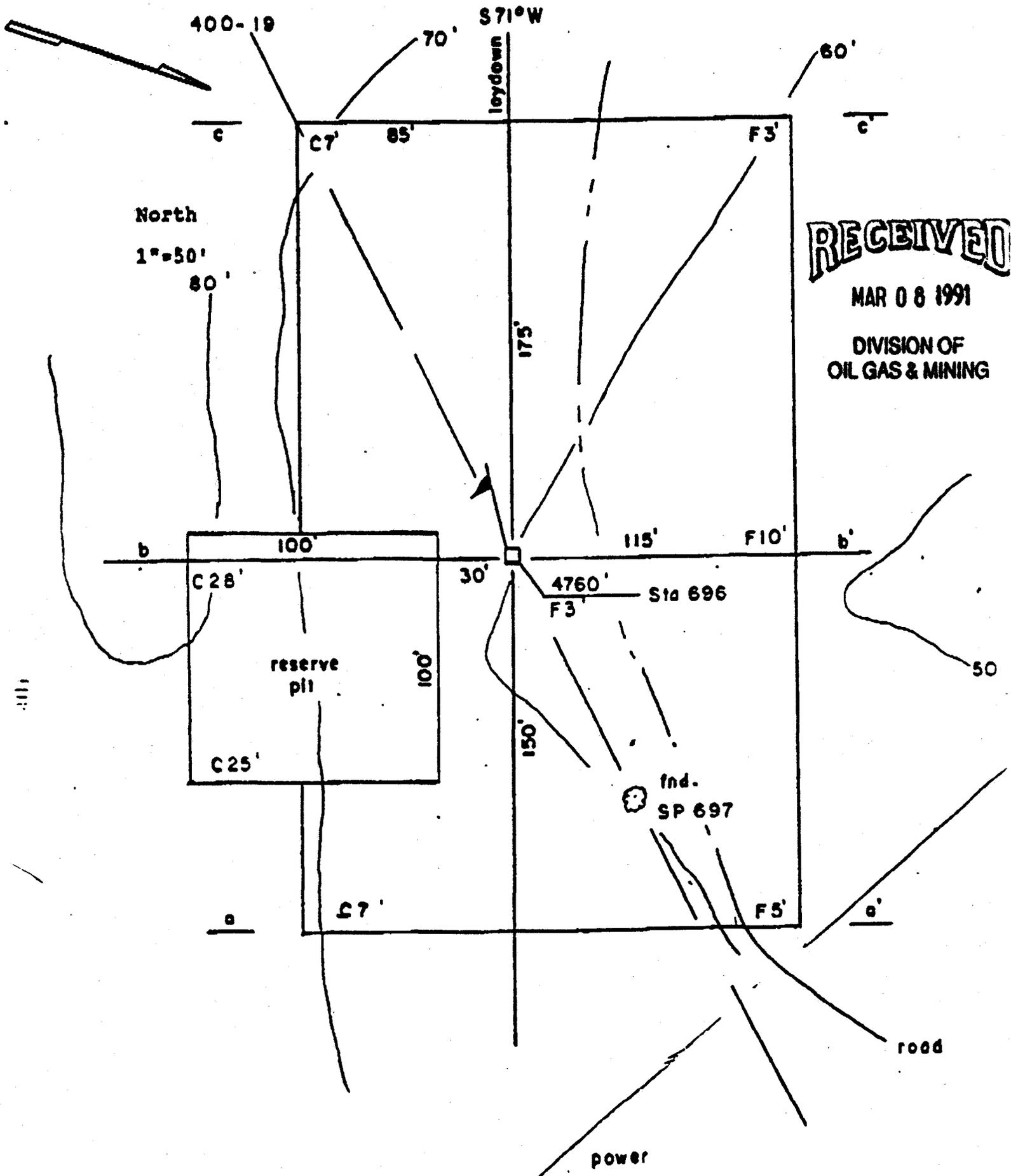
SECTION 35, TOWNSHIP 41S, RANGE 25E

SAN JUAN COUNTY, UTAH



PLANVIEW SKETCH

Heron 35 - H



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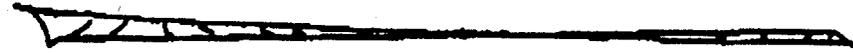
DIVISION OF OIL GAS & MINING

CROSS SECTION

Heron 35 - B

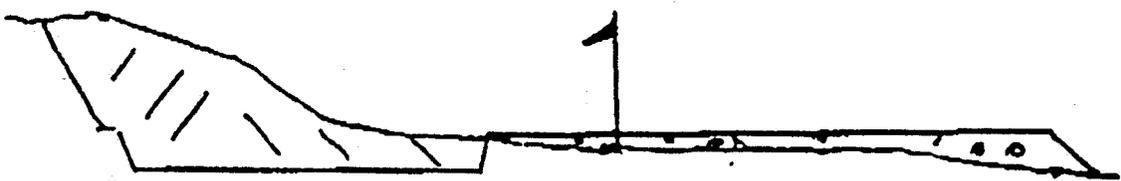
Cut // // // //
Fill 

1"=50' vert. & horz.



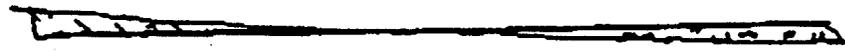
c

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DIVISION OF
OIL GAS & MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter
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 26, 1991

Chuska Energy Company
3315 Bloomfield Highway
Farmington, New Mexico 87401

Gentlemen:

Re: Heron 35H Well, 1860 feet from the North line, 370 feet from the East line, SE NE, 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, subject to the following stipulations:

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

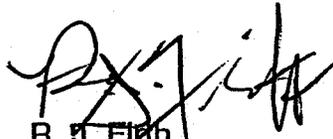
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During 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
Heron 35H
March 26, 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 43-037-31615.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
we14/1-22

DME

43-037-31711

The HERON 35 H-A (RIG SKID) was set up in the computer when it started appearing on the production report of May '93. We did not receive an APD for this RIG SKID. We did receive a Sundry Notice, however, that explained the rig skid and shows the new location. Mike H. said Frank told him to use it as the APD. As far as I know, a new well file and Cardex will need to be created, and the computer may need to be updated from the Sundry, route file to P.I.L.

The HERON 35 H (43-037-31615) was PA'd,

**PETROLEUM INFORMATION ROCKY MOUNTAIN REGION REPORT
SECTION IV - 03/17/93**

**UTAH DRILLING PROGRESS
SAN JUAN COUNTY CONTINUED**

CHUSKA ENERGY 31M MULE IC 43-037-70066-91	31-41S-24E SE SW SW 580 FSL 1210 FWL	WILDCAT; CONFIDENTIAL, (FR 12/26/91DN) OPER ADD: 1775 SHERMAN STE 1880, DENVER, CO, 80203 PHONE (303) 863-7021; EL: 4885 GR; LOCATION DATA: 1 1/2 MI SW ANETH GREATER FLD(ISMAY/DES CRK/PARADOX) 8 1/4 MI W-SW ANETH, UT; AMMANN BASE MAP UT-102, WELL ID CHANGES: FTG CHGD FROM 580 FSL 1090 FWL.	WF
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. . . . TITE HOLE (LDIR 03/02/93)			
CHUSKA ENERGY 1 OAK 11G API 43-037-31548	11-41S-25E SE SW NE 2260 FNL 1520 FEL IC 430377007390	WILDCAT; 5701 DESERT CREEK, (FR 08/06/90DN) OPER ADD: BOX 780, FARMINGTON, NM, 87499 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: 09/29/92	WF
LOC;			
GIANT EXPL & PROD 22-14 SE MCELMO API 43-037-31646	22-41S-25E NE SW SW 832 FSL 746 FWL IC 430377004891	ANETH GREATER; 5595 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,	D
LOC;			
GIANT EXPL & PROD 27-13 SE MCELMO API 43-037-31645	27-41S-25E SE NW SW 1800 FSL 1270 FWL IC 430377004791	ANETH GREATER; 5535 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, WELL ID CHANGES: WELL NAME CHGD FROM 27-33 SE MCELMO, FTG CHGD FROM 1800 FSL 1800 FWL. SPOT CHGD FROM SW NE SW. FIRST REPORT REISSUE: REISSUE TO CORRECT WELL NAME, FTG. SPOT. REISSUE FOR FR ISSUED 7/29/91;	D
LOC;			
CHUSKA ENERGY 33-O CLAY HILL IC 43-037-70046-91	33-41S-25E SE SW SE 370 FSL 1750 FEL	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,	WF D&A
CONTR: AZTEC WELL SRVCG, RIG #184; SPUD: 11/08/91, CSG: RAN SURF CSG; LOG TYPES: CWL; LOG TOPS: HERMOSA 4252, ISMAY U 5076, ISMAY L 5188, GOTHIC 5238, DESERT CREEK 5252, AKAH 5424; DRLG COMMENTS: LOCAL CALLS(LOG): HOVENWEEP 5182, CHIMNEY ROCK 5412. 5465 TD, (AKAH) (TD REACHED: 11/19/91); 5465 TD. COMP 11/19/91(EST), D&A. HOLDING FOR DATA. . . (LDIR 02/02/93)			
CHUSKA ENERGY 35H-A HERON API 43-037-60051	35-41S-25E NE SE NE 1860 FNL 370 FEL	WILDCAT; 5760, (FR 09/29/92DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; LOCATION DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT; SKIDDED RIG - EXACT LOCATION UNKNOWN; AMMANN BASE MAP UT-9,	WF
LOC;			
WESGRA CORP 9 LAURA-LETA API 43-037-31681	6-42S-19E NW SE SW 835 FSL 1492 FWL IC 430377002292	MEXICAN HAT; 760 GOODRIDGE, (FR 06/16/92DN) OPER ADD: BOX 310-367, MEXICAN HAT, UT, 84531 PHONE (801) 683-2298; EL: 4210 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-144, WELL ID CHANGES: WELL NUMBER CHGD FROM 6. SPOT CHGD FROM W2 SE SW. FTG CHGD FROM 680 FSL 1576 FWL.	D
SPUD: 08/27/92 CSG: 20 @ 150; 760 TD, (GOODRIDGE) (TD REACHED: 08/27/92), RIG REL: 08/27/92; . . . 760 TD(APPROX), SI (LDIR 03/16/93)			
SAN JUAN MINERALS EXPL 91-5 GOODRIDGE API 43-037-31611	7-42S-19E SE SE NE 1997 FNL 312 FEL IC 430377001791	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,	D D&A
CONTR: PETTY DRLG, RIG #1; SPUD: 03/12/92 (EST), 450 TD, (TD REACHED: 03/15/92); 450 TD(APPROX), COMP 3/16/92(EST), D&A. HOLDING FOR DATA . . (LDIR 11/10/92)			
WESGRA CORP 26 GEBAUER-GROOM API 43-037-31679	7-42S-19E NE NW NW 627 FNL 1127 FWL IC 430377002092	MEXICAN HAT; 700 GOODRIDGE, (FR 05/15/92DN) OPER ADD: BOX 367, MEXICAN HAT, UT, 84531 PHONE (801) 683-2298; EL: 4205 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-101,	D
CONTR: QUALITY DRLG, RIG #1; SPUD: 06/24/92, 700 TD, (TD REACHED: 06/24/92); . . . 700 TD(APPROX), WOCT (LDIR 03/02/93)			
WESGRA CORP 64 GEBAUER-GROOM API 43-037-31661	7-42S-19E NE NE NW 240 FNL 2360 FWL IC 430377000492	MEXICAN HAT; 740 GOODRIDGE, (FR 02/14/92DN) OPER ADD: BOX 310-367, MEXICAN HAT, UT, 84531 PHONE (801) 683-2298; EL: 4200 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-101,	D
LOC;			
WESGRA CORP 66 GEBAUER-GROOM API 43-037-31692	7-42S-19E SW NE NW 1194 FNL 1846 FWL IC 430377003492	MEXICAN HAT; 740 GOODRIDGE, (FR 10/23/92DN) OPER ADD: BOX 310-367, MEXICAN HAT, UT, 84531 PHONE (801) 683-2298; EL: 4230 GR; LOCATION DATA: IN MEXICAN HAT, UT; AMMANN BASE MAP UT-144,	D
LOC;			

UTAH FIRST REPORT SUMMARY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT;
O = WILDCAT OUTPOST; D = DEVELOPMENT.
▲ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED

DUCHESNE COUNTY

<p>LOMAX EXPL 14A-28 FEDERAL API 43-013-31572</p> <p>LOC;</p>	<p>28-8S-16E SE SE SW 107 FSL 2273 FWL IC 430137002792</p>	<p>MONUMENT BUTTE; 6400, (FR 09/29/92DN) OPER ADD: BOX 1446, ROOSEVELT, UT, 84066 PHONE (801) 722-5103; EL: 5618 GR; LOCATION DATA: 8 MI S-SW MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>
<p>LOMAX EXPL 10-34 MONUMENT FEDERAL API 43-013-31371</p> <p>LOC;</p>	<p>34-8S-16E C NW SE 1980 FSL 1980 FEL IC 430137002892</p>	<p>MONUMENT BUTTE; 6400 GREEN RIVER, (FR 09/29/92DN) OPER ADD: BOX 1446, ROOSEVELT, UT, 84066 PHONE (801) 722-5103; EL: 5628 GR; LOCATION DATA: 8 MI S-SW MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>
<p>EQUITABLE RES ENERGY 23-11 BALCRON MONUMENT FEDERAL API 43-013-31369</p> <p>LOC;</p>	<p>11-9S-16E SE NE SW 1787 FSL 2147 FWL IC 430137002592</p>	<p>MONUMENT BUTTE; 5750 GREEN RIVER, (FR 09/25/92CA) OPER ADD: BOX 21017, BILLINGS, MT, 59104 PHONE (406) 259-7860; EL: 5622 GR; LOCATION DATA: 10 MI S MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>
<p>EQUITABLE RES ENERGY 32-15 BALCRON MONUMENT FEDERAL API 43-013-31368</p> <p>LOC;</p>	<p>15-9S-16E NW SW NE 1868 FNL 1993 FEL IC 430137002392</p>	<p>CASTLE PEAK; 5610 GREEN RIVER, (FR 09/25/92CA) OPER ADD: BOX 21017, BILLINGS, MT, 59104 PHONE (406) 259-7860; EL: 5681 GR; LOCATION DATA: 10 1/2 MI S-SW MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>
<p>EQUITABLE RES ENERGY 41-15 BALCRON MONUMENT FEDERAL API 43-013-31367</p> <p>LOC;</p>	<p>15-9S-16E NE NE NE 460 FNL 500 FEL IC 430137002692</p>	<p>CASTLE PEAK; 5700 GREEN RIVER, (FR 09/25/92CA) OPER ADD: BOX 21017, BILLINGS, MT, 59104 PHONE (406) 259-7860; EL: 5714 GR; LOCATION DATA: 10 1/2 MI S MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>
<p>EQUITABLE RES ENERGY 3-5 BALCRON MONUMENT FEDERAL API 43-013-31370</p> <p>LOC;</p>	<p>5-9S-17E C NW SW 1980 FSL 660 FWL IC 430137002492</p>	<p>MONUMENT BUTTE; 5620 GREEN RIVER, (FR 09/25/92CA) OPER ADD: BOX 21017, BILLINGS, MT, 59104 PHONE (406) 259-7860; EL: 5224 GR; LOCATION DATA: 9 MI S MYTON, UT; AMMANN BASE MAP UT-52.</p>	<p>D</p>

SAN JUAN COUNTY

<p>CHUSKA ENERGY 35H-A HERON API 43-037-60051</p> <p>LOC;</p>	<p>35-41S-25E NE SE NE 1860 FNL 370 FEL</p>	<p>WILDCAT; 5760, (FR 09/29/92DN) OPER ADD: 3315 BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; LOCATION DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT; SKIDDED RIG - EXACT LOCATION UNKNOWN; AMMANN BASE MAP UT-9.</p>	<p>WF</p>
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UINTAH COUNTY

<p>ENRON O&G 317-12E NBU API 43-047-32362</p> <p>LOC;</p>	<p>12-9S-20E SW NE NE 867 FNL 701 FEL IC 430477018592</p>	<p>NATURAL BUTTES; 7350 WASATCH, (FR 09/25/92DN) OPER ADD: BOX 1815, VERNAL, UT, 84078 PHONE (307) 276-3331; EL: 4685 GR; LOCATION DATA: 4 MI SE OURAY, UT; AMMANN BASE MAP UT-53.</p>	<p>D</p>
<p>COASTAL O&G 201 NBU API 43-047-32364</p> <p>LOC;</p>	<p>9-9S-21E SW SW NW 2310 FNL 500 FWL IC 430477018892</p>	<p>NATURAL BUTTES; 7050 WASATCH, (FR 09/25/92CA) OPER ADD: BOX 749, DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 4705 GR; LOCATION DATA: 6 MI SE OURAY, UT; AMMANN BASE MAP UT-53.</p>	<p>D</p>
<p>COASTAL O&G 195 NBU API 43-047-32355</p> <p>LOC;</p>	<p>11-9S-21E SW NW NE 700 FNL 2000 FEL IC 430477019392</p>	<p>NATURAL BUTTES; 6600 WASATCH, (FR 09/25/92CA) OPER ADD: BOX 749, DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 4834 GR; LOCATION DATA: 8 1/2 MI SE OURAY, UT; AMMANN BASE MAP UT-53.</p>	<p>D</p>
<p>COASTAL O&G 175-14-9-21 CIGE API 43-047-32354</p> <p>LOC;</p>	<p>14-9S-21E SE SE NE 2047 FNL 359 FEL IC 430477019492</p>	<p>NATURAL BUTTES; 6500 WASATCH, (FR 09/25/92CA) OPER ADD: BOX 749, DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 4780 GR; LOCATION DATA: 9 MI SE OURAY, UT; AMMANN BASE MAP UT-53.</p>	<p>D</p>

UTAH COMPLETIONS

FINAL CLASS: WF = UNSUCCESSFUL NEW FIELD WILDCAT; WFD = NEW FIELD DISCOVERY; WD = UNSUCCESSFUL DEEPER POOL WILDCAT; WDD = DEEPER POOL DISCOVERY; WS = UNSUCCESSFUL SHALLOWER POOL WILDCAT; WSD = SHALLOW POOL DISCOVERY; WP = UNSUCCESSFUL NEW POOL WILDCAT; WPD = NEW POOL DISCOVERY; WO = UNSUCCESSFUL WILDCAT OUTPOST; WOE = WILDCAT OUTPOST EXTENSION; D = UNSUCCESSFUL DEVELOPMENT WELL; DO = DEVELOPMENT OIL WELL; DG = DEVELOPMENT GAS WELL.

DUCHESNE COUNTY

ANR PROD 13-1S-2W BLUEBELL; 7200 GREEN RIVER, (FR 10/01/91CA) OPER ADD: BOX 749, DG
4-13A2A POWELL SW NE NE DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 5776 KB; LOCATION GAS
API 43-013-31336 730 FNL 849 FEL DATA: 2 MI SW NEOLA, UT; AMMANN BASE MAP UT-7, WELL ID
IC 430137004091 CHANGES: PROJ FM CHGD FROM WASATCH.

CONTR: COASTALDRIL, RIG #1; SPUD: 09/06/91, CSG: 13 3/8 @ 154 W/180 SX, 9 5/8 @ 2996 W/1320 SX, 5 1/2 @ 7198 W/990 SX; TBG: 2 3/8 @ 6442; LOG TYPES: ACSL, BHC, CALP, CBL, DILL, DLL, GRL, ML, SONL, SP; LOG TOPS: GREEN RIVER 6530; 7200 TD, (GREEN RIVER) (TD REACHED: 09/24/91) 7104 PBTD, RIG REL: 09/25/91; PRODUCING INTERVAL(S) DATA: PERF (GREEN RIVER), 6531-6544, 6563-6571, W/4 PF, ACID (6563-6571) W/ 1500 GALS, 15% HCL & 20 BS'S ACID (6531-6544) W/ 2000 GALS, 15% HCL & 36 BS'S, 7200 TD, PB 7104. COMP 10/31/91, IPF 1150 MCFGPD, 24/64 CK, FTP 330. PROD ZONE - GREEN RIVER 6531-6571(GROSS). NO CORES OR DSTS

ANR PROD 6-2S-2W BLUEBELL; 13800 WASATCH, (FR 08/29/91CA) OPER ADD: BOX 749, DO
2-6B2 UTE SE NW NW DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 6039 KB; LOCATION OIL
API 43-013-31140 949 FNL 1001 FWL DATA: 6 1/4 MI E-SE ALTAMONT, UT; REPERMITTED ABND LOC: AMMANN
IC 430137003791 BASE MAP UT-7, WELL ID CHANGES: WELL NAME CHGD FROM 2-6BR UTE. FINAL CLASS CHGD FROM DG. STATUS CHGD FROM GAS.

CONTR: PARKER DRLG, RIG #233; SPUD: 08/13/91, CSG: 9 5/8 @ 3020 W/1050 SX, 7 @ 11005 W/2945 SX; LNR: 5 @ 10753-13568 W/310 SX; TBG: 2 7/8 @ 10861; LOG TYPES: CAL, DILL, GRL, LSS, ML, SONL, WF; LOG TOPS: GREEN RIVER 6146, GREEN RIVER L 9608, WASATCH 10950; 13570 TD, (WASATCH) (TD REACHED: 10/02/91) 13545 PBTD; PRODUCING INTERVAL(S) DATA: PERF (WASATCH), 11821-12069, 12104-12494, 12513-12785, 12798-13109, 13123-13526, W/3 PF, ACID (11821-13526) W/ 12000 GALS, 15% HCL & 546 BS'S, 13570 TD, PB 13545. COMP 10/29/91, IPF 562 BO, 647 MCFGPD, 382 BWPD, GTY 42.8, FTP 250 PROD ZONE - WASATCH 11821-13526(GROSS). NO CORES OR DSTS.

COORS ENERGY 8-5S-3W ANTELOPE CREEK; 6350 GREEN RIVER, (FR 03/28/91DN) OPER ADD: DO
5-8 UTE TRIBAL NW SE NW BOX 467, GOLDEN, CO, 80402 PHONE (303) 278-7030; EL: 5905 KB; OIL
API 43-013-31307 1550 FNL 1550 FWL LOCATION DATA: 10 MI SE DUCHESNE, UT; AMMANN BASE MAP UT-7,
IC 430137001091

CONTR: OLSEN DRLG, RIG #2; SPUD: 07/19/91, CSG: 8 5/8 @ 392 W/275 SX, 5 1/2 @ 6346 W/650 SX; TBG: 2 7/8 @ 5169; LOG TYPES: CBL, CNL, DENL, DLL, GRL, LITH, VD; LOG TOPS: DOUGLAS CREEK 4466; DRLG COMMENTS: LOCAL CALLS(LOG): BASE B LIME 4858. 6354 TD, (GREEN RIVER) (TD REACHED: 08/29/91) 6086 PBTD; PROD TEST(S): PERF (GREEN RIVER), 5086-5090, 5100-5106, 5108-5117, W/4 PF, TRT (5100-5117) W/ 100 BBLs, 2% KCL WTR. SWFR (5100-5117) W/ 1309 BBLs, 113000 LBS SAND, 28000 # 20/40 SD, 85000 # 16/30 SD. GAUGE NOT RPTD. PERF (GREEN RIVER), 4926-4938, 4952-4955, W/4 PF, SWFR (4926-4955) W/ 1069 BBLs, 86300 LBS SAND, 21300 # 30/40 SD, 65000 # 16/30 SD. GAUGE NOT RPTD. SQZD 4926-4955 W/30 SX PRODUCING INTERVAL(S) DATA: PERF (GREEN RIVER) 5086-5117 W/4 PF GROSS. SQZD 4926-4938 4952-4955 W/35 SX 6354 TD, PB 6086. COMP 12/1/91, IPP 10 BO, 16 MCFGPD, 7 BWPD, GTY 40.0, GOR 1600, FTP 30, FCP 30. PROD ZONE - GREEN RIVER 5086-5117(GROSS). NO CORES OR DSTS

SAN JUAN COUNTY

CHUSKA ENERGY 4-40S-25E WILDCAT; 6222, (FR 11/26/90DN) OPER ADD: BOX 780, FARMINGTON, NM, WF
1 RABBIT BRUSH 4G NE SW NE 87499 PHONE (505) 326-5525; EL: 5162 KB; GEOL: MEADE LOCATION D&A
API 43-037-31575 1570 FNL 1710 FEL DATA: 1 MI N-NW ANETH GREATER FLD(PARADOX/DESERTCREEK/ISMAY) 21
IC 430377010290 MI E-NE BLUFF, UT; AMMANN BASE MAP UT-9, POMCO MAP U-84.

CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 04/10/91, CSG: 8 5/8 @ 521 W/375 SX, RAN PROD CSG; LOG TYPES: BHCS 2500-6150. CNL 4000-6159, CWL 2500-6150, DLL 516-6160, LDT 4000-6159, MICL 4930-6160, MSFL 516-6160; LOG TOPS: DAKOTA (SURF), HERMOSA 4398, ISMAY U 5800, ISMAY L 5942, GOTHIC 5959, DESERT CREEK 5979; DRLG COMMENTS: LOCAL CALL(LOG): HOVENWEEP 5934. 6163 TD, (DESERT CREEK) (TD REACHED: 04/22/91) BHT: 127F, RIG REL: 04/22/91; 6163 LTD, 6162 DTD. COMP 5/15/91, D&A. WILL BE REISSUED IF ADDITIONAL DATA BECOMES AVAILABLE.

CHUSKA ENERGY 5-40S-25E CAJON MESA; 6329, PROJ TVD: 6268, (FR 04/17/91DN) OPER ADD: 3315 WO
1 NORTH CAJON MESA 5E SW SW NW BLOOMFIELD HWY, FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: D&A
API 43-037-31624 2405 FNL 495 FWL 5091 GR; LOCATION DATA: 1/2 MI N OF FLD(DESERT CREEK) 8 1/4 MI N
IC 430377002791 ANETH, UT; TO BE DIRECTIONALLY DRILLED. PBHL: 1975 FNL 745 FWL
NE SW NW 5-40S-25E; AMMANN BASE MAP UT-9,

CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 08/04/91, CSG: RAN SURF CSG; DRLG COMMENTS: LOG TOPS NOT RPTD. 6329 TD, (UNKNOWN) (TD REACHED: 08/24/91); 6329 TD(APPROX). COMP 8/25/91, D&A. WILL BE REISSUED IF ADDITIONAL DATA BECOMES AVAILABLE.

CHUSKA ENERGY 35-41S-25E UNNAMED; 5760, (FR 07/23/91DN) OPER ADD: 3315 BLOOMFIELD HWY, WFD
35H HERON NE SE NE FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4760 GR; LOCATION OIL
API 43-037-60049 1853 FNL 351 FEL DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT;
IC 430377004491 AMMANN BASE MAP UT-9,

CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 07/22/91, CSG: RAN SURF & PROD 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, (AKAH) (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. (DESERT CREEK DISCOVERY - NEW FIELD) WILL BE REISSUED IF ADDITIONAL DATA BECOMES AVAILABLE.

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

**UTAH DRILLING PROGRESS
SAN JUAN COUNTY CONTINUED**

CHUSKA ENERGY
35H HERON - (A)
IC 48-037-70044-01
No APD

1088
PO 4-15-92

35-41S-25E
NE SE NE
1853 FNL 351 FEL

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.

**WFD
OIL**

CONTR: AZTEC WELL SRVCG, RIG #222; SPUD: 07/22/91, CSG: RAN SURF & PROD 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) 5606-5666, (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)

CHUSKA ENERGY
35C NORTH HERON
API 43-037-31616

1093

35-41S-25E
SE NE NW
900 FNL 2485 FWL
IC 430377002091

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.

WF

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)

SAN JUAN MINERALS EXPL
91-11 GOODRIDGE
API 43-037-31607

7-42S-19E
SE NE NE
683 FNL 151 FEL
IC 430377001991

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.

D

LOC;

SAN JUAN MINERALS EXPL
91-12 GOODRIDGE
API 43-037-31637

7-42S-19E
SE NE NE
1123 FNL 338 FEL
IC 430377005191

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.

D

LOC;

SAN JUAN MINERALS EXPL
91-5 GOODRIDGE
API 43-037-31611

7-42S-19E
SE SE NE
1997 FNL 312 FEL
IC 430377001791

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.

D

LOC;

SAN JUAN MINERALS EXPL
91-6 GOODRIDGE
API 43-037-31612

7-42S-19E
SE SE NE
2123 FNL 332 FEL
IC 430377001691

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-1 NORDEEN
API 43-037-31654

7-42S-19E
NW NW NE
100 FNL 2500 FEL
IC 430377005491

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-2 NORDEEN
API 43-037-31653

7-42S-19E
NW NW NE
100 FNL 2200 FEL
IC 430377005591

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-3 NORDEEN
API 43-037-31652

7-42S-19E
NE NW NE
100 FNL 1900 FEL
IC 430377005691

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-4 NORDEEN
API 43-037-31651

7-42S-19E
NE NW NE
100 FNL 1600 FEL
IC 430377005991

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-5 NORDEEN
API 43-037-31650

7-42S-19E
NW NE NE
100 FNL 1227 FEL
IC 430377005891

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.

D

LOC;

SAN JUAN MINERALS EXPL
92-6 NORDEEN
API 43-037-31649

7-42S-19E
NW NE NE
100 FNL 986 FEL
IC 430377005791

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.

D

LOC;

UTAH COMPLETIONS

FINAL CLASS: WF = UNSUCCESSFUL NEW FIELD WILDCAT; WFD = NEW FIELD DISCOVERY; WD = UNSUCCESSFUL DEEPER POOL WILDCAT; WDD = DEEPER POOL DISCOVERY; WS = UNSUCCESSFUL SHALLOWER POOL WILDCAT; WSD = SHALLOW POOL DISCOVERY; WP = UNSUCCESSFUL NEW POOL WILDCAT; WPD = NEW POOL DISCOVERY; WO = UNSUCCESSFUL WILDCAT OUTPOST; WOE = WILDCAT OUTPOST EXTENSION; D = UNSUCCESSFUL DEVELOPMENT WELL; DO = DEVELOPMENT OIL WELL; DG = DEVELOPMENT GAS WELL.

SAN JUAN COUNTY

CHUSKA ENERGY *(P) 4-15-92* 35-41S-25E WILDCAT; 5760, (FR 03/15/91DN) OPER ADD: 3315 BLOOMFIELD HWY. WF
35H HERON NE SE NE FARMINGTON, NM, 87401 PHONE (505) 326-5525; EL: 4650 GR; LOCATION J&A
API 43-037-31615 1860 FNL 370 FEL DATA: 1 1/2 MI E CLAY HILL FLD(DESERT CREEK) 24 MI SE BLUFF, UT;
IC 430377001191 AMMANN BASE MAP UT-9.

CONTR: NOT RPTD; SPUD: 07/18/91 (EST), CSG: 8 5/8 @ 527; 600 TD, (UNKNOWN) (TD REACHED: 07/20/91); 600 TD. COMP 7/20/91, J&A. NO CORES OR DSTS
Rig skidded - No APP - Named new well Heron 35H - (A) No API

UINTAH COUNTY

COASTAL O&G 26-9S-21E NATURAL BUTTES; 6100 WASATCH, (FR 12/06/90CA) OPER ADD: BOX DG
107 NATURAL BUTTES SE SE NW 749, DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 4925 KB; GAS
API 43-047-31916 1996 FNL 2148 FWL LOCATION DATA: 9 1/2 MI SE OURAY, UT; AMMANN BASE MAP UT-8.
IC 430477003490 POMCO MAP U-26.

CONTR: COASTAL DRG, RIG #2; SPUD: 02/19/91, CSG: 8 5/8 @ 270 W/180 SX, 5 1/2 @ 8120 W/2544 SX; LOG TYPES: CBL, COL, FDC; CALP 258-8118, CNL 2700-8118, DILL 258-8118, GRL 258-8118; LOG TOPS: WASATCH 4760, MESAVERDE 7376; 8125 TD, (MESAVERDE) (TD REACHED: 04/17/91) 8068 PBT D RIG REL: 04/18/91; PRODUCING INTERVAL(S) DATA: PERF (WASATCH) 7174, 7178, 7447, 7456, 7460, 7578, 7584, 7589, 7686, 7698, 7705, 7791, 7798, 7807, 7862, 7865, 8036, 8041, W/1 PF, ACID (7174-8041) W/ 170 BBLs. 7 1/2% HCL & 3% KCL, 8125 TD, PB 8068, COMP 5/13/91, IPF 480 MCFGPD, 20/64 CK, FTP 275, FCP 450. PROD ZONE - WASATCH 7174-8041(GROSS). NO CORES OR DSTS

COASTAL O&G 5-10S-22E NATURAL BUTTES; 5850 WASATCH, (FR 02/13/91CA) OPER ADD: BOX DG
140 NBU SE NW NE 749, DENVER, CO, 80201-0749 PHONE (303) 572-1121; EL: 5163 KB; GAS
API 43-047-31947 1031 FNL 1879 FEL LOCATION DATA: 14 MI SE OURAY, UT; AMMANN BASE MAP UT-8.
IC 430477002791

CONTR: CIRCLE DRG, RIG #7; SPUD: 03/22/91, CSG: 8 5/8 @ 263 W/180 SX, 5 1/2 @ 5964 W/1145 SX; TBG: 2 3/8 @ 4783; LOG TYPES: CALP 0-5990, CDL 2600-5990, CNL 2600-5990, DLL 0-5990, GRL 0-5990, 2600-5990; LOG TOPS: WASATCH 4503; 6003 TD, (WASATCH) (TD REACHED: 04/13/91) 5960 PBT D RIG REL: 04/20/91; PRODUCING INTERVAL(S) DATA: PERF (WASATCH) 4853, 4861, 4865, 5259, 5269, 5276, 5396, 5402, 5405, 5618, 5790, 5791, 5796, 5799, 5802, 5912, 5917, 5922, 5929, W/1 PF, ACID (4853-5929) W/ 4000 GALS. 3% KCL, 6003 TD, PB 5960, COMP 4/30/91, IPF 155 MCFGPD, 20/64 CK, FTP 50, FCP 125. PROD ZONE - WASATCH 4853-5929(GROSS). NO CORES OR DSTS



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,

Herb

Herbert P. Mosca
Chuska Staff Geologist

RECEIVED

MAY 20 1991

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1992

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, Allotment or Tribe Name
Navajo Tribal
7. Unit or CA, Agreement Designation

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 (Postage, Sec., T., R., N., or Survey Description)
 1853
 T860' FNL, 370' FEL, S35, T41S, R25E

8. Well Name and No. RIG SKID
 Heron 35-H A

9. API Well No. ~~43-037-3175~~
 43-037-31615

10. Field and Pool, or Exploratory Area
 Wildcat

11. County or Parish, State
 San Juan, 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 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 Skid to new location
	<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 its Completion or Recompletion Report and Log form.)

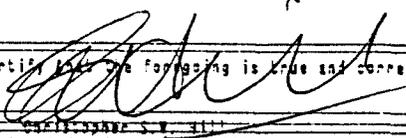
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional, drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

After plugging of Heron 35-H well, skidded rig 20 feet, N71 E, to Heron 35-H-A location. Details of revised location are as follows:

	Old Details	New Details
Well Name	Heron 35-H	Heron 35-H-A
Location	1860' FNL 370' FEL S35 T41S R25E San Juan County, Utah	1853' FNL 370' FEL S35 T41S R25E San Juan County, Utah

Verbal approval to skid from Wayne Townsend, BLM, at 0834 hrs, 21 Jul 91.

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

Signed:  Title: Operations Engineer Date: 23 Jul 91

(This space for Federal or State office use)

Approved by:  Title: Date: AUG 08 1991

Conditions of approval, if any
~~43-037-31732~~ 43-037-31711 (skid)

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 Instructions On Reverse Side

OPERATOR

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	
9. Well Name and Number	Rig Skid Heron 35 HA
10. API Well Number	43-037-31615 ^{DTS 43-037-31711}
11. Field and Pool, or Wildcat	Wildcat

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 : 1860' FNL, 370' FEL
 County : San Juan
 State : UTAH
 CQ. Sec. T., R., M. : S35-T41S-R25E

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment *
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Other <u>Skid to new location</u>
<input type="checkbox"/> Other _____	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	

Approximate Date Work Will Start _____

Date of Work Completion _____

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

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.)

After plugging of Heron 35-H well, skidded rig 20 feet, N17E, to Heron 35 HA location details of revised location are as follows:

	^{old} Old Details	New Details
Well Name	Heron 35 H	Heron 35 HA
Location	1860' FNL 370' FEL S35-T41S-R25E San Juan County, Utah	1853' FNL 370' FEL S35-T41S-R25E San Juan County, Utah

Verbal approval to skid from Wayne Townsend, BLM, at 0834 hrs, 7-21-91.

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

Name & Signature Barry A. Wieland *[Signature]* Title

(State Use Only)

43-037-31711

DME
 Once this new well is set up, please let VCC know what happened (i.e. 35H, API 43-037-31615 was plugged - Rig skidded to 35H(A) w/new API). Prod. will need fixing.
 Thanks
 Don

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
9. Well Name and Number Heron 35 HA R16 SKTD
10. API Well Number 43-037-31615 DTS 43-037-31711
11. Field and Pool, or Wildcat Wildcat

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 : 1860' FNL, 370' FEL
 County : San Juan
 CC, Sec. T., R., M. : S35-T41S-R25E
 State : UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment *
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Other <u>Skid to new location</u>
<input type="checkbox"/> Other _____	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	

Approximate Date Work Will Start _____

Date of Work Completion _____

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

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.)

After plugging of Heron 35-H well, skidded rig 20 feet, N17E, to Heron 35 HA location details of revised location are as follows:

	^{old} Old Details	New Details
Well Name	Heron 35 H	Heron 35 HA
Location	1860' FNL 370' FEL S35-T41S-R25E San Juan County, Utah	1853' FNL 370' FEL S35-T41S-R25E San Juan County, Utah

Verbal approval to skid from Wayne Townsend, BLM, at 0834 hrs, 7-21-91.

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)

43-037-31711

SEP 10 1993

OPERATOR CHUSKA ENERGY COMPANY
 ADDRESS _____

OPERATOR ACCT. NO. N 9290

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	11496	43-037-31708	BURRO 31I		31	41S	24E	SAN JUAN		7-22-93
WELL 1 COMMENTS: *AWAITING ADD'L INFO. (APD'S & WCR'S)											
A	99999	11497	43-037-31709	JACK 31G	SWNE	31	41S	24E	SAN JUAN		7-22-93
WELL 2 COMMENTS:											
A	99999	11498	43-037-31710	MULE 31M	SWSW	31	41S	24E	SAN JUAN		7-22-93
WELL 3 COMMENTS:											
A	99999	11499	43-037-31711	HERON 35H-A	SENE	35	41S	25E	SAN JUAN		7-22-93
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

NOTE: Use COMMENT section to explain why each Action Code was selected.
 (3/89)

L. CORDOVA (DOGM)
 Signature
 ADMIN. ANALYST 7-22-93
 Title Date
 Phone No. ()

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	
9. Well Name and Number	Rig SK10 Heron 35 HA
10. API Well Number	43-037-31615 DTJ 43037-31761
11. Field and Pool, or Wildcat	Wildcat

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 : 1860' FNL, 370' FEL QQ, Sec. T., R., M. : S35-T41S-R25E County : San Juan State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Recompletion</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Multiple Completion</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input type="checkbox"/> Other _____</td><td></td></tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment *</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input checked="" type="checkbox"/> Other <u>First sale of Oil</u></td><td></td></tr> </table> <p>Date of Work Completion _____</p> <p>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.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>First sale of Oil</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>First sale of Oil</u>																											

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 oil from subject well occurred on 8-17-91.

RECEIVED
SEP 10 1993
DIVISION OF OIL, GAS AND MINING

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

NOG 8702-1116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Heron 35 H-A

9. WELL NO.

#1

10. FIELD AND POOL OR WILDCAT

Wildcat

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

S35-T41S-R25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

OCT 05 1991 SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

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

91 AUG 20 PM 12:4

01S FARMINGTON, N.M.

1. OIL WELL GAS WELL OTHER

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.*
See also space 17 below.)
At surface

1860' FNL, 370' FEL

14. PERMIT NO.

43087-31711

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

5760' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

REIL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Subsequent Report

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

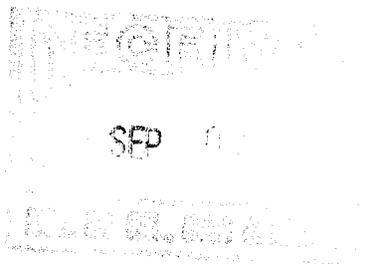
ABANDONMENT*

(Other) First Sale of Oil

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

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

First sale of oil from subject well occurred on 8-17-91



ACCEPTED FOR RECORD

SEP 09 1991

FARMINGTON RESOURCE AREA

BY S. J. [Signature]

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

SIGNED

[Signature]

TITLE

Operations Manager

DATE

8-19-91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

OPERATOR

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
9. Well Name and Number <i>Ric SKID</i> Heron 35 HA
10. API Well Number <i>DTJ</i> 43-037-31615 43-037-31711
11. Field and Pool, or Wildcat Wildcat

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 : 1853' FNL, 370; FEL CO. Sec. T., R., M. : S35-T41S-R25E	
County : San Juan State : UTAH	

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Other _____</p> <p>Approximate Date Work Will Start _____</p>	<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <p><input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off</p> <p><input checked="" type="checkbox"/> Other <u>Spud/Surface casing</u></p> <p>Date of Work Completion _____</p> <p>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.</p>

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.)

Skidded rig 20 feet, N17E, to Heron 35 HA location. Spudded 1930 hrs, 7-22-91. Drilled to 527'. Ran 12 joints 8 5/8", 24 lb/ft, K-55, STC casing and landed at 523'. Cemented with 375 sx Class 'G' cement with 2% CaCl₂ and 1/4# sx celloflake. Float held. Circulated 32 bbls slurry to surface.

RECEIVED
SEP 10 1993

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED FORM APPROVED
BLM 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

91 JUL 25 NOG 8702-1116
5. Lease Designation and Serial No.
6. If Indian, Allottee or Tribe Name
Farmington, N.M.
Navajo Tribal
7. If Unit or CA, Agreement Designation
8. Well Name and No. Rig Skid
Heron 35-H-A
9. AP Well No. 43-037-31711
43-037-31615-DT'S
10. Field and Pool, or Exploratory Area
Wildcat
11. County or Parish, State
San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Gas Other
 Water

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., S., or Survey Description)
 1853' FNL, 351' FEL, S35, T41S, R25E

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"/> Recased well
<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 Spud/Surface Casing
	<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 Remediation 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 directional, drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

Skidded rig 20 feet, N71E, to Heron 35-H-A location. Spudded 1930 hrs, 7-22-91. Drilled to 527'. Ran 12 joints 8 5/8", 24 lb/ft, K-55, STC casing and landed at 523'. Cemented with 375 sx Class 'G' cement with 2% CaCl₂ and 1/4 lb/sk Celloflake. Float held. Circulated 32 barrels slurry to surface.

RECEIVED
AUG 1 1991

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

Signed [Signature] Title Operations Engineer Date 25 Jun 1991

(This space for Federal or State office use)

Approved by _____ Title _____ Date AUG 06 1991

Conditions of approval, if any _____

ACCEPTED FOR RECORD
FARMINGTON RESOURCE AREA
BY [Signature]

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 Instructions On Reverse Side

OPERATOR

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. Other SEP 10 1993

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 1853
1860' FNL, 370' FEL
 At top prod. interval reported below
 At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NOG 8702-1116
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal
 7. UNIT AGREEMENT NAME
Heron
 8. FARM OR LEASE NAME
Heron
 9. WELL NO. R16 SKID DTS
35HA
 10. FIELD AND POOL, OR WILDCAT
Wildcat
 11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
S35-T41S-R25E

14. API NO. 43-03-31711 DATE ISSUED _____
~~43-037-31615~~ 12. COUNTY San Juan 13. STATE Utah

15. DATE SPUDDED 7-22-91 16. DATE T.D. REACHED 8-5-91 17. DATE COMPL. (Ready to prod.) 8-20-91 (Plng & Abd.)
 18. ELEVATIONS (DP, RES. RT, CR, ETC.) 4760' GR 4773' KB 19. ELEV. CASINGHEAD 4760' GR

20. TOTAL DEPTH, MD & TVD 5811' (O) 5807' (L) 21. PLUG BACK T.D., MD & TVD 5776'
 22. IF MULTIPLE COMPL. HOW MANY _____ 23. INTERVALS DRILLED BY Rotary ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
5606-5638 Paradox
5656-5666 Paradox
 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
OLL/MSFL/GR/CAL, LDT/CNL/GR/CAL, MLT/GR/CAL, BHCS/GR/CAL 27. WAS WELL CORED YES NO (Submit analysis)
 DRILL STEM TEST YES NO (See reverse side) YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	512	12 1/4	375 sx Class 'G' & 210CaCl ₂ & 1/4# Celloflake	
5 1/2	15.5	5811	7 7/8	32 bbl slurry to pit SI: + 6% gel, 1/4# Flocele, 200 sx Prem 'G' 2% CaCl ₂ SI: 820 sx 65/35 Prem 'G' 6% gel 1/4#	400 SX 65/35 Prem 'G'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKETS SET (MD)
					2 7/8	5602	5602

30. TUBING RECORD
Flocele 125 sx prem 'G' CaCl₂ 30' bbl cir to surface.

31. PERFORATION RECORD (Interval, size and number)
 All perforations w/4" casing @ 4 SPF
5656- - 5666'
5606' - 5638'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>5656' 5666'</u>	<u>150 gal 15% HCL/2100 gal 28% HCL</u>
<u>5606' 5638'</u>	<u>8000 gal 28% acid, 1000 gal lbrie</u>

33. PRODUCTION
 DATE FIRST PRODUCTION 8-16-91 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
<u>8-16-91</u>	<u>24</u>	<u>24/64</u>	<u>→</u>	<u>628</u>	<u>400</u>		<u>2229</u>
FLOW. TUBING PRBS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
<u>550</u>		<u>→</u>	<u>628</u>	<u>1400</u>		<u>42</u>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Chuska Energy Company

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

See Spaces for Additional Data on Reverse Side

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.		38. GEOLOGIC MARKERS				
Formation	Top	Bottom	Description, contents, etc.	Name	Top Meas. Depth True Vert. Depth	
Paradox	5606	5638	Dolomite	Hermosa	4484	4484
Paradox	5656	5666	Dolomite/Anhydrite	Upper Ismay	5920	5920
Core #1	5614	5678	Paradox. Recovered 100%	Hovenweep Sh	5513	5513
Core #2	5674	5733	Paradox. Recovered 100%	Lower Ismay	5515	5515
				Gothic Shale	5561	5561
				Desert Creek	5590	5590
				Chimney Rock	5758	5758
				Akah	5771	5771

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT BLM

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____
 019 FARMINGTON, N.M.

2. NAME OF OPERATOR
Chuska Energy Company
SEP 10 1993

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 _____
 At top prod. interval reported below 1860 FNL and 370 FEL
 At total depth _____

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
Heron 35H-A Rig Skid

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
S35-T41S-R25E

12. COUNTY OR PARISH
San Juan
13. STATE
Utah

14. PERMIT NO. _____ DATE ISSUED _____
 15. DATE SPUDDED 7-22-91 16. DATE T.D. REACHED 8-5-91 17. DATE COMPL. (Ready to prod.) 8-20-91
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 4760 GR 4773 KB 19. ELEV. CASINGHEAD 4760 GR

20. TOTAL DEPTH, MD & TVD 5811 (O) 5807 (U) 21. PLUG BACK T.D., MD & TVD 5776'
 22. IF MULTIPLE COMPL., HOW MANY? - 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 5606-5638 Paradox 5656-5666 Paradox 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN OLL/MSFL/GR/CAL, LDT/CNL/GR/CAL, BHCS/GR/CAL, MLT/GR/CAL 27. WAS WELL CORED Yes

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	512	12 1/4	375 sx Class 'G' & 210 CaCl ₂	1/4 # Cellof
5 1/2	15.5	5811	7 7/8	32 bbl slurry to pit SI: 'G' 6% gel, 1/4 # Flocele, 2% CaCl ₂ SI: 820 sx 65-35 Prem 'G', 6%	400 sx 65-35 Prem 'G' 200 sx Prem 'G'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5602	5602

31. PERFORATION RECORD (Interval, size and number)
 All perforations w/4" casing @ 45pf
 5656' - 5666'
 5606' - 5638'

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5656-5666	150 gal 15% HCL/2100 gal 28% HCL
5606-5638	8000 gal 28% acid, 1000 gal gelbri

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5656-5666	150 gal 15% HCL/2100 gal 28% HCL
5606-5638	8000 gal 28% acid, 1000 gal gelbri

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in) SI
8/16/91	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8/16/91	24	24/64	→	628	1400		2229

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
550	-	→	628	1400		42

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

35. LIST OF ATTACHMENTS

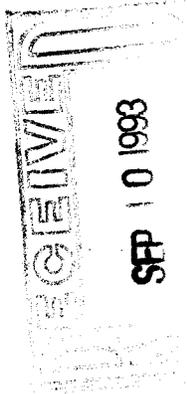
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED Yount, Charles TITLE Operations Engineer DATE 8/20/91
 AUG 22 1991

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Paradox	5606	5638	Dolomite	Hermosa	4484	4484
Paradox	5656	5666	Dolomite/Anhydrite	Upper Ismay	5920	5920
Core #1	5614	5678	Paradox. Recovered 100%	Hovenweep Shale	5513	5513
Core #2	5674	5733	Paradox. Recovered 100%	Lower Ismay	5515	5515
				Gothic Sh	5561	5561
				Desert Crk	5590	5590
				Chimney Rock Shale	5758	5758
				Akah	5771	5771

38. GEOLOGIC MARKERS





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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/10/93

API NO. ASSIGNED: 43-037-31711

WELL NAME: HERON 35H-A (RIG SKID)
 OPERATOR: CHUSKA ENERGY COMPANY ()

PROPOSED LOCATION:
 SENE 35 - T41S - R25E
 SURFACE: 1853-FNL-0351-FEL
 BOTTOM:
 SAN JUAN COUNTY
 WILDCAT FIELD ()

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE:
 LEASE NUMBER:

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal[] State[] Fee[]
 (Number _____)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number _____)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: _____

R649-3-2. General.

R649-3-3. Exception.

Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

RECEIVED

SEP 10 1993

DIVISION OF
OIL, GAS & MINING

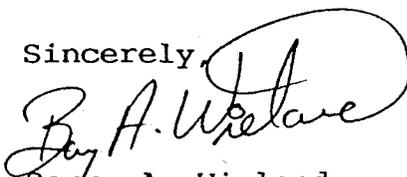
Monument 17E-2
Mule 31K
Mule 31K(N)
Mule 31M
NW Cajon 1I-1
North Heron 35C
Northwest Cajon 6E
North Cajon Mesa 5E-1
North Ruins 16K
Red Lake 25B
Tower 1F
Box Canyon 5F
Shalene 11K
South Triangle 7I
West Clay Hill 5B(A)

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

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)
JACK 31G								
✓ 4303731709	11497	41S 24E 31	DSCR	NO CHECK / DTS NO FILE		done / DTS		
MULE 31M								
✓ 4303731710	11498	41S 24E 31	DSCR					
HERON 35H-A (RIG SKID)								
✓ 4303731711	11499	41S 25E 35	PRDX					
LIZARD 4m								
✓ 4303731619	11555	41S 23E 4	DSCR					
HILLSIDE 6C-1								
4303731721	11570	42S 25E 6	IS-DC	DRL (Cont.)				
CLAY HILL 330								
4303731723	11612	41S 25E 33	DSCR					
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

NOG 8707-1215

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Heron 35H-A

9. API Well No.

43-037-31615
31711

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan County, Utah

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)

SE/4NE/4 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

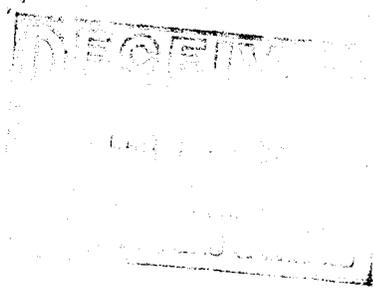
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Workover

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

Please see attached procedures for workover on the Heron 35H-A.



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

Signed Randy A. Chambers

Title Operations Engineer

Date 12/15/93 ✓

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date TC

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

HERON 35HA
 REVISED RECOMPLETION PROCEDURE
 10-5-1993

Objective: Complete and test Ismay and place on pump with commingled production from Desert Creek.

1. Hold safety meeting and review procedures w/ rig crew.
 2. MIRU completion rig.
 3. NU BOP. Pressure test to 1000 psig using hot oiler.
 4. POH with following rod string hanging off in rod basket and LD pump:
 - 2000' (80 rods) 7/8 x 25 scraped rods
 - 1000' (40 rods) 3/4 x 25 scraped rods
 - 2700' (108 rods) 3/4 x 25 rods
 - 2 1/2 x 2 x 20 RWAC
 5. Release TAC set at 5475' and hot oil down tbg with 35 bbl heated lease oil plus 4 gallons PD 100 paraffin inhibitor. POOH strapping out and standing back.
 6. PU RBP and 5 1/2" x 3 1/2' Model 'R' test packer and RIH and set RBP at 5595'. PU and set packer at 5575' and pressure test RBP to 1500 psig and POH.
 7. RU perforators. Using 4" casing gun, perforate under balanced with fluid level at 3000'. Perforate following intervals: 5522'-5534' and 5587'-5591' (16' total) at 2 SPF w/ 180 phasing (16 settings, 32 shots). Depths to be correlated from the Compensated Neutron-Litho-Density log dated August 3, 1991, (File #19).
- NOTE: Report fluid level drop to Farmington office for orders to RU and swab for flow test (see step 12).
8. PU 4 3/4" bit and sub and 5 1/2" x 3 1/2' casing scraper on 2 7/8" tubing and TIH and clean out through perforation interval. Calculate PBTD and report to Farmington office. POH and LD work string.
 9. PU retrieving head on 5 1/2" x 3 1/2' Model 'R' Completion Packer and RIH on 2 7/8" tubing to +/- 5500'. Run SN one joint above packer.
 10. Set packer at +/-5500' and pressure test packer elements to 1,500 psig. Unseat packer and RIH and set at 5515'.

11. Matrix acidize Ismay and Desert Creek Zones with 3200 gal (200 gal/ft) of 20% 9.2# gelled HCl. Establish injection rate into formation of 2-4 bbl/min at 1200-2000 psig. Over displace with 720 gal of fresh water past perforations.
12. Swab well back into production tank (swabbing operations will only be conducted during daylight hours, or if sufficient rig lighting is available to swab in complete safety). Flow well to determine productivity and to clean-up.
13. After clean-up, produce through separator to determine gas rate. Timings for flow periods will be advised by Farmington office. Collect water samples for API analysis.

Note: If wet, a squeeze procedure will be provided by Farmington office.
14. Unseat Model 'R' Completion Packer, RIH to 5595' and retrieve RBP. POH and LD injection packer assembly. PU 2 7/8 SN and TIH on 2 7/8 tbg to PBTD (5776'). Land EOT +/- 2' above PBTD.
15. Hot oil down tbg with 30 bbl lease oil. RIH with tear drop SV on sand line and pressure test tbg to 1000 psig. If okay, make minimum of 4 swab runs to clean up rat hole. POH standing back tbg.
16. RIH with BHA as follows:
 - 2 7/8 x 31 mud anchor bull plugged on bottom
 - 2 7/8 x 4 perforated sub
 - 2 7/8 SN
 - 8 jts 2 7/8 tbg
 - 5 1/2 x 2 7/8 TAC
 - 176 jts 2 7/8 tbg
17. Land EOT at +/-5733' and pump 15 bbl lease oil down back side.
18. Set TAC 13,500# in tension, ND BOP and NU WHD.
19. Complete well for final pump installation.

Pump Installation

Production Tubular Requirements:

- 8 jts 2 7/8 tbg
- 5 1/2 x 2 7/8 TAC w/ 40K shear pin
- 2 7/8 x 4 perforated sub
- 2 7/8 bull plug
- 2 1/2 x 1 1/2 x 16 RHAC insert pump
- 1- 5 gallon can corrosion inhibitor
- 1- Set of torque cards

Contractors: Well Service Company
Hay Hot Oil to pressure test and hot oil
CECO to haul pipe & BOP

20. Hold safety meeting and review procedure and BHA diagram w/ crew.
21. RU rod table and rod tongs. Calibrate makeup torque on tongs using torque cards.
22. RIH with following pump and same 76 API rod string using corrosion inhibitor on pins and boxes:
 - 1- 2 1/2 x 1 1/4 x 16 RHAC insert pump
 - 1- 3/4 x 2 pony rod
 - 108- 3/4 x 25 D rods, Type 54
 - 40- 3/4 x 25 x 2 7/8 Scr. D rods 6 per, Type 78
 - 80- 7/8 x 25 x 2 7/8 Scr. D rods 6 per, Type 78
 - 1- 7/8 x 10 Scr pony rod
 - 1- 1 1/2 x 26 SM polish rod
23. Space out pump and hang off on 160-200-74 Lufkin pumping unit.
24. Load tubing with 30 bbl oil (5.783 bbl/1000') and pressure test tbg to 400 psi. Check pump action. Release rig and turn over to production department.

** Account for all liquid pumped into and/or removed from well.

05 October 1993

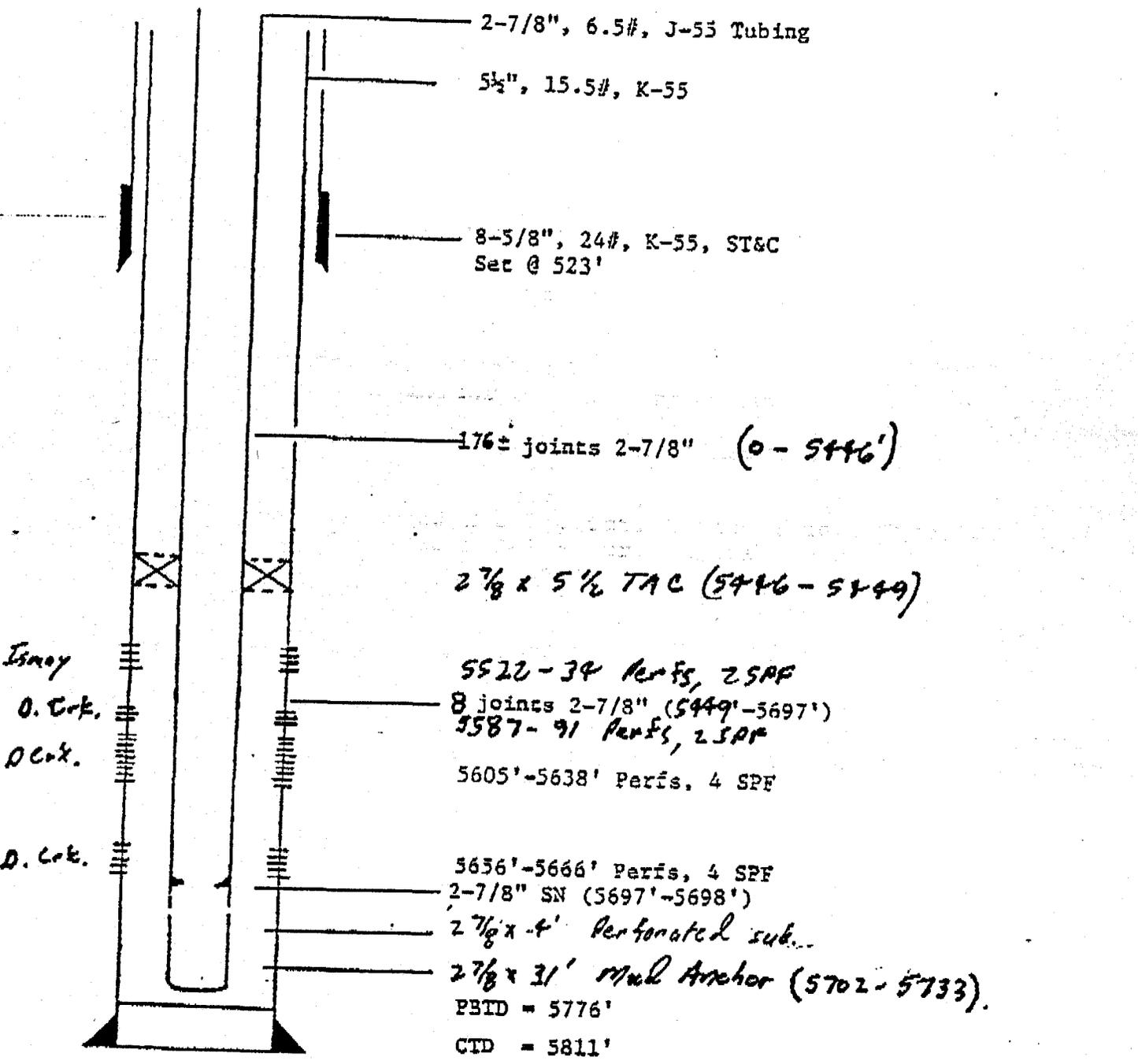
File:LAC\HERON35HA Recompletion

CHUSKA ENERGY COMPANY

Spud Date: 7-22-91
 TD Date : 8-4-91
 Completion: 8-20-91

HERON 35H-A
 SE/NE Sec. 35-41S-25E
 San Juan County, Utah

NEW
BOTTOM HOLE ASSEMBLY DIAGRAM



Pump: 2 1/2" x 20' RWAC
 1 1/2" x 22' SM polish rod

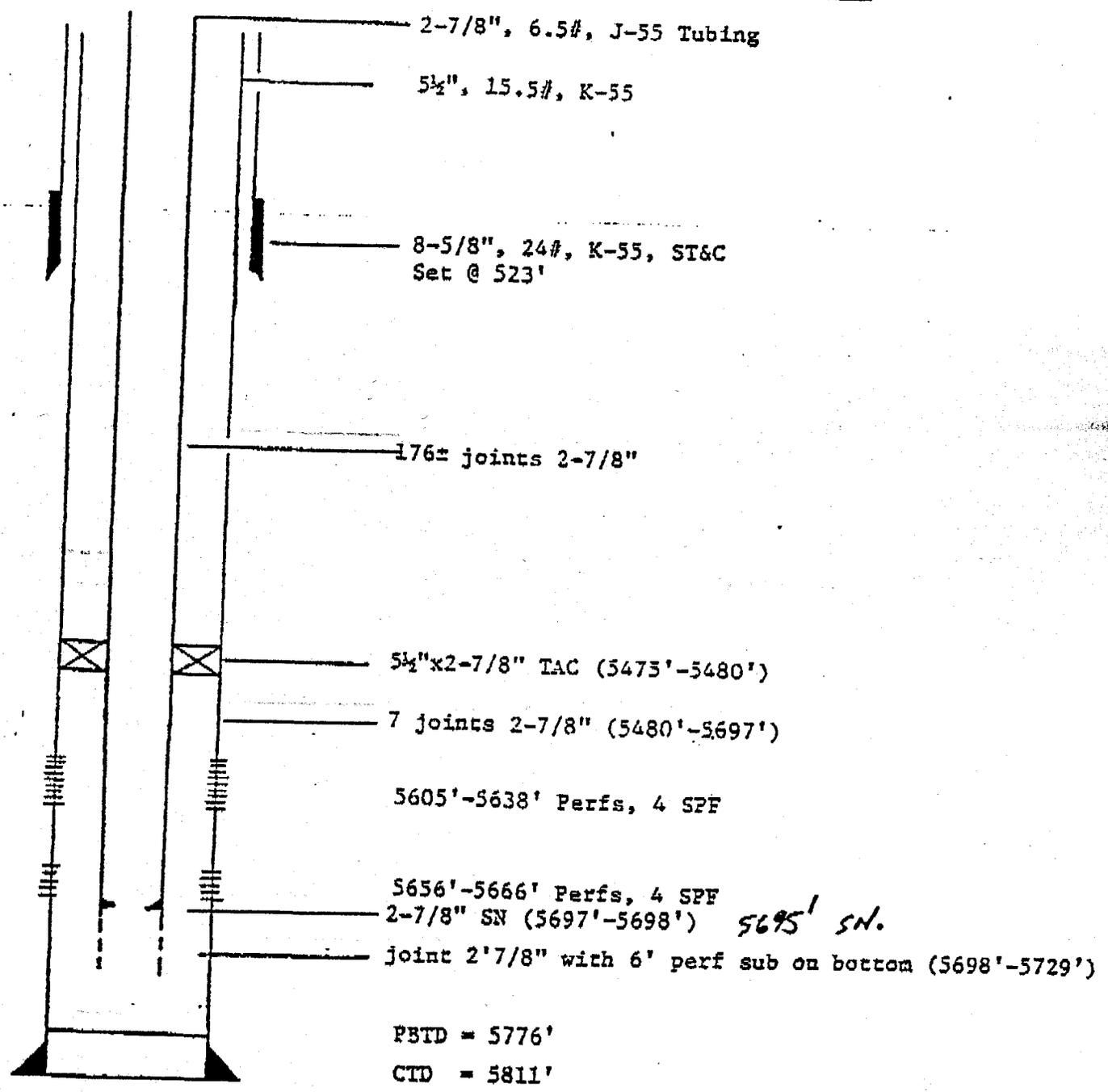
2000'-7/8" "D" scraped rods
 1000'-3/4" "D" scraped rods
 2700'-3/4" "D" non-scraped rods

CHUSKA ENERGY COMPANY

Spud Date: 7-22-91
 TD Date : 8-4-91
 Completion: 8-20-91

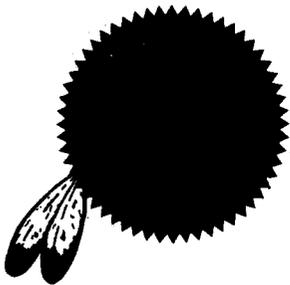
HERON 35H-A
 SE/NE Sec. 35-41S-25E
 San Juan County, Utah

OLD
BOTTOM HOLE ASSEMBLY DIAGRAM



Pump: 2 1/2" x 20' RWAC
 1 1/2" x 22' SM polish rod

2000'-7/8" "D" scraped rods
 1000'-3/4" "D" scraped rods
 2700'-3/4" "D" non-scraped rods



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) Y. 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-VLC	7-SJ ✓
2-DTS	8-FILE ✓
3-VLC	
4-RJB	✓
5-IEC	✓
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>
	<u>phone (505) 326-5525</u>		<u>phone (505) 326-5525</u>
	<u>account no. N 9290</u>		<u>account no. N9290</u>

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

Name: **SEE ATTACHED**	API: <u>037 3171</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: _____
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

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/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 Yes 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 3/12/94
- 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

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

COMMENTS

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

123 2678910112

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.
8702-11168707-121

6. If Indian, Allowee or Tribe Name
Navajo Tribal

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

3. Well Name and No. (Rig Skid)
Heron 35 H(A) #1

9. API Well No.
31711 (DTS)
43-037-91613

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.
 3315 Bloomfield Highway, Farmington, NM 87401 505-326-5525

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1853' FNL & 351' FEL
 Section 35-Township 41 South-Range 25 East

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 P&A
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

Commence plugging operations at 1:30 p.m., on Wednesday, October 27, 1993.
Set Retainer and sting out of Retainer. Displace hole w/ 9.33 ppg mud, sting into Retainer Plug #1, mix and pump 35 sx Class 'B' Neat Cement. Displace 30 sx thru Retainer, sting out and displace 5 sx on Retainer. Down @ 4:04 p.m., plug well as follows: Plug #2 4582' - 4382' w/ 25 sxs, Plug #3 1212' - 1012' w/ 25 sxs, Plug #4 620' - 420' w/ 25 sxs, Plug #5 120' - 0' w/ 15 sxs.

Ref. 05485'

CONFIDENTIAL

FEB 16 1994

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 [Signature] Title Operations Manager Date 10/27/93

(This space for Federal or State office use)

Approved by _____ Title _____

APPROVED

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 statements or representations as to any matter within its jurisdiction.

DISTRICT MANAGER

*See instruction on Reverse Side

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 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)
 1853' FNL & 351' FEL
 Section 35-Township 41 South-Range 25 East

FORM APPROVED
 Budget Bureau No. 1004-0115
 Expires: March 31, 1993

5. Lease Designation and Serial No.
 8702-1116-8707-12

6. If Indian, Allotment or Trust Name
 Navajo Tribal

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

8. Well Name and No. (Rig Skid)
 Heron 35 H(A)

9. API Well No. 31711 (DTS)
 43-037-31615

10. Field and Pool, or Exploratory Area
 Wildcat

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

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 P&A
	<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

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 curiously give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Verbal approval to plug from Earl Beecher, BLM, 11:12 A.M., October 26, 1993.
All plugs will be Class 'B' w/ 2% CaCl2.

- Plug #1: Set retainer @ 5500' Pump 30 sxs thru retainer. Dump 5 sxs on retainer.
- Plug #2: 4584-4384 w/ 25 sxs (Hermosa)
- Plug #3: 1212-1012 w/ 25 sxs (Navajo)
- Plug #4: 612-412 w/ 25 sxs (Surface csg)
- Plug #5: 90-Surface w/15 sxs (Surface)

RECEIVED
FEB 16 1993

CONFIDENTIAL

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
FEB 16 1993

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

Signed Ray A. White Title Operations Manager Date 10/27/93

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any: **APPROVED**

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

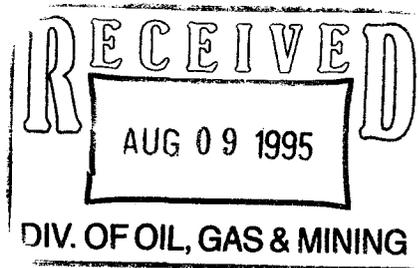
OPERATOR



HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

August 7, 1995



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

ATTENTION: Don Staley

RE: P&A Wells

Dear Mr. Staley:

Pursuant to our conversation this date, enclosed you will find the following information for your records:

43-037-31711 - N. Heron 35H (A) #1

Sundry Notice - Setting of abandonment plugs

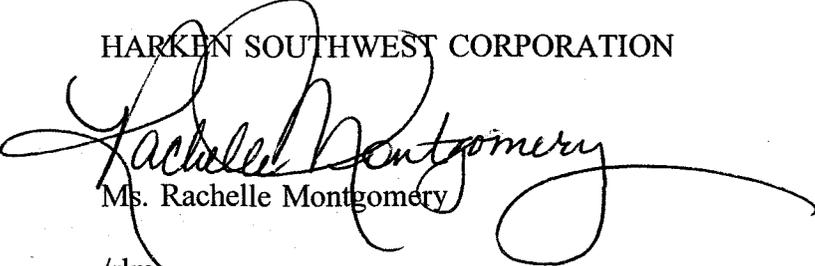
43-037-31546 - Navajo Canyon 33I-1

Completion report as filed by Chuska Energy dated 2/13/91
Sundry Notice - Setting of abandonment plugs

I believe this is all of the information required to remove these wells from Harken's preprinted monthly production report. However, should you find additional data is required, please feel free to contact undersigned. Thank you for your assistance with this matter.

Very truly yours,

HARKEN SOUTHWEST CORPORATION


Ms. Rachelle Montgomery

/rlm

Enclosures (3)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 09 1995
7 39 10 PM

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

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING

5. Lease Designation and Serial No.
8702-11168707-1215
Indian, Allottee or Tribe Name

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

Navajo Tribal
7. If Unit or CA Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

N/A

2. Name of Operator
Chuska Energy Company

3. Well Name and No.
Heron 35 H(A) #/

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

9. API Well No.
43-037-31615

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1853' FNL & 351' FEL
Section 35-Township 41 South-Range 25 East

10. Field and Pool or Exploratory Area
Wildcat

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

31711

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other P&A

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple 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.)

Commence plugging operations at 1:30 p.m., on Wednesday, October 27, 1993.
Set Retainer and sting out of Retainer. Displace hole w/ 9.33 ppg mud, sting into Retainer Plug #1, mix and pump 35 sx Class 'B' Neat Cement. Displace 30 sx thru Retainer, sting out and displace 5 sx on Retainer. Down @ 4:04 p.m., plug well as follows: Plug #2 4582' - 4382' w/ 25 sxs, Plug #3 1212'-1012' w/ 20 sxs, Plug #4 620'-420' w/ 25 sxs, Plug #5 120'-0' w/ 15 sxs.

Ret. @ 5485'

CONFIDENTIAL

RECEIVED
BLM
NOV - 1 PM 3:48
FARMINGTON, NM

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 [Signature] Title Operations Manager Date 10/27/93

(This space for Federal or State office use)

Approved by _____ Title _____ **APPROVED**

Conditions of approval, if any:

NOV 04 1993
DISTRICT MANAGER

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 statement or fraudulent statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR