

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: Fee	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: NA	
B. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: NA	
2. Name of Operator: James B. Lindsay & Associates		8. Farm or Lease Name: Bunderson	
3. Address and Telephone Number: 3382 E Bruce St. S.W.C. UT. 84124		9. Well Number: 4-20	
4. Location of Well (Footages) At Surface: 660' ENL 450' FEL At Proposed Producing Zone: 428' SAA 85' 801-277-1631		10. Field and Pool, or Wildcat: Wildcat	
14. Distance in miles and direction from nearest town or post office: 5 miles Northwest		11. Ctr/Ctr, Section, Township, Range, Meridian: N 1/4 Sec. 20 Twp. 21S. Rge. 7E	
15. Distance to nearest property or lease line (feet): 660'		12. County: Emery	13. State: UTAH
16. Number of acres in lease: 320 ac.		17. Number of acres assigned to this well: 320 ac.	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): None		19. Proposed Depth: 1000'	
20. Rotary or cable tools: Rotary		21. Elevations (show whether DF, RT, GR, etc.): 6244 GR	
22. Approximate date work will start: As soon as permit approved		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 5/8	H-40j 7"	20#	100'	To surface
6 1/4	J-55, 4 1/2"	9.5#	1000'	100 Sacks

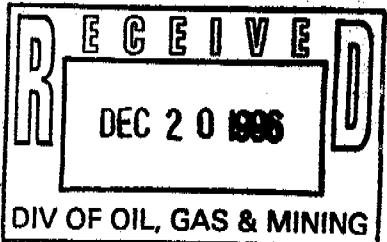
DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

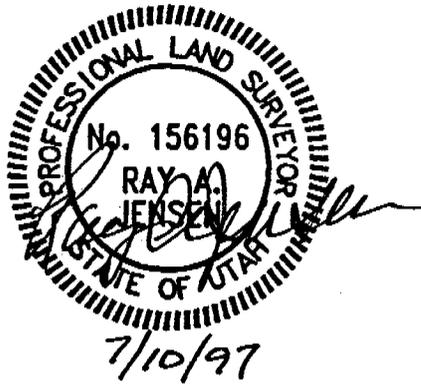
1-Estimated formation tops: Mancos shale-surface.....Ferron sand-850'.....T.D.-1000' in Ferron sand. 2-No water sands expected to be encountered. Gas and coal expected in Ferron sand. 4 1/2" casing cemented with 100 sacks will protect gas and coal. 3-See attached for pressure control equipment specs. 4-Air will be used as circulating medium, water will only be used for cementing. 5-Electric open hole logs will include Gamma Ray, Compensated Neutron Density and Dual Induction. 6-No abnormal pressures or H2S are expected. Pressure expected in Ferron sand 400#. 7-Bloolie line will terminate in a small cuttings pit at least 125' away from wellbore. Pit will be fenced with net wire and steel posts. 8-Water for cementing to be purchased from Ferron city.

24. Name & Signature: *James B. Lindsay* Title: Geologist Date: 12-20-96

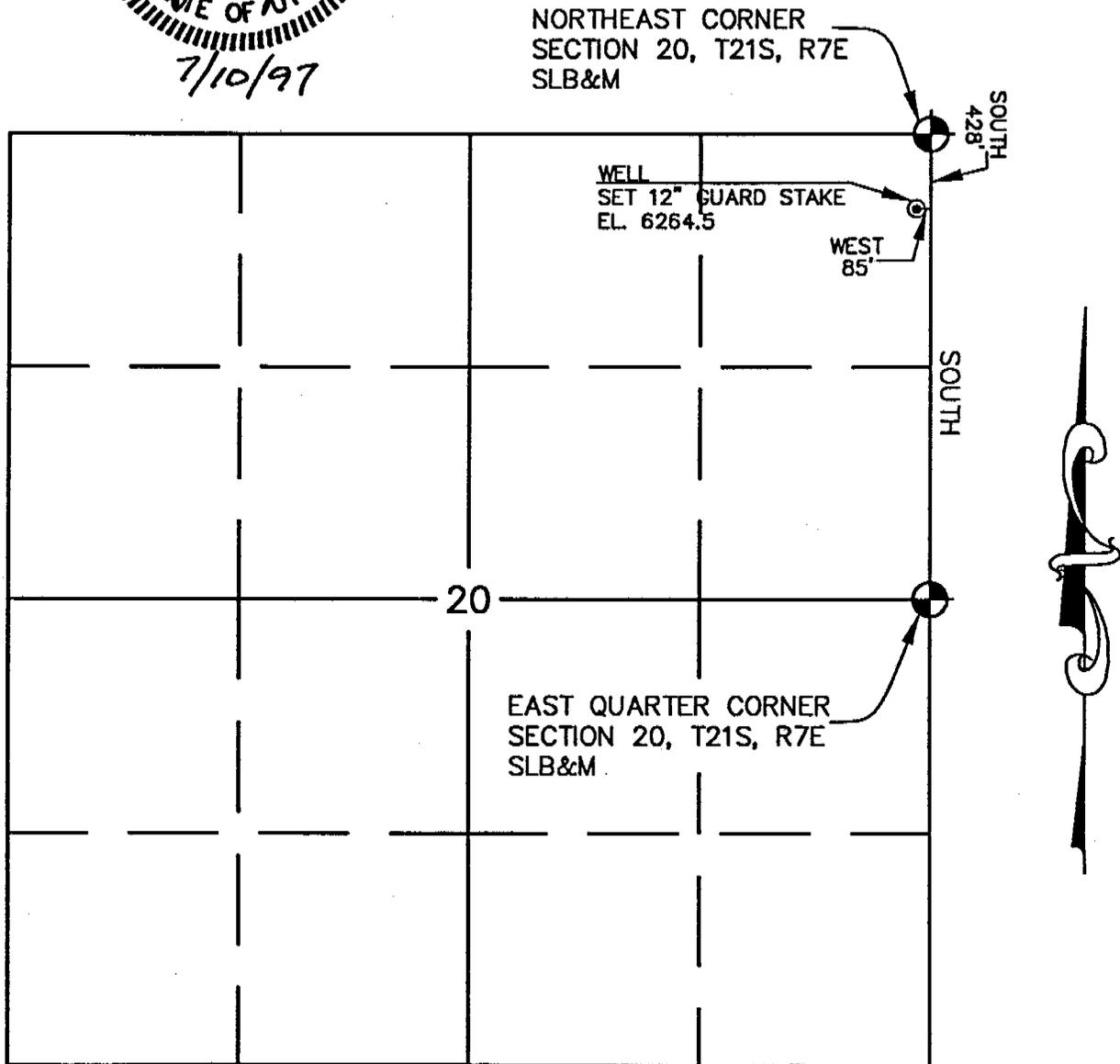
(This space for State use only)
API Number Assigned: 43-015-30305

Approved: *John R. Bay*
Petroleum Engineer
(See Instructions on Reverse Side) 7/18/97





BASIS OF BEARING
SOUTH BETWEEN THE NORTHEAST CORNER
AND THE EAST QUARTER CORNER OF
SECTION 20, T.21S., R.7E., S.L.B.&M.



SECTION	TOWNSHIP	RANGE
20	21 S.	7 E.
DATE	SCALE	BLOCK
JUL.1997	1"=1000'	
PLAT	SURVEY	

RAY A. JENSEN
LICENSED LAND SURVEYOR
L.S. # 156196
J&H LAND SURVEYING
P.O. BOX 906
AMERICAN FORK, UTAH 84003

SURVEY FOR
James Lindsay

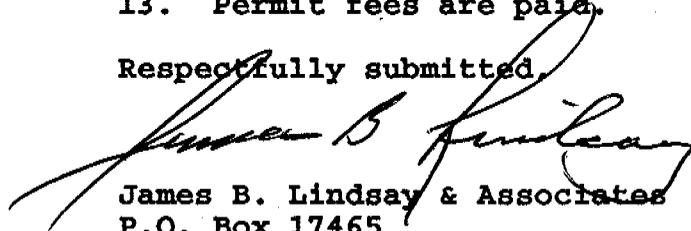
OUTLINE TO DRILL 900 FEET
FERRON TEST

1. Surface formation: Mancos shale
2. Estimated formation tips:

Ferron sandstone unit of the Mancos Formation \approx 800'
below surface
3. Depth at which oil, gas, water, or other mineral bearing zones will be encountered: \approx 800'
4. Directional drill program: This hole will be vertical.
5. Casing program: as per form 3160-3, item #23
100 feet of 7-inch 22 lbs/ft. Surface casing will be cemented to the surface with approximately 30 sacks of cement. Bit size to drill this hole will be 9-7/8 inch. If good quality used casing is available it will be used; if not, new casing will be used. If the well is completed, 4-1/2 inch casing of at least 10.5 pounds per foot will be submitted from surface to T.D. in a 6-inch hole with approximately 250 sacks of cement or whatever amount is needed.
6. Pressure control equipment. BOP as illustrated in APD file.
7. Mud program: Surface hole will be drilled with air. Air and most drilling will continue below the surface casing to TD. If water is encountered and the hole's integrity is in question, a water chemical gel drilling mud will be used.
8. Auxiliary equipment:
 - a. Kelly cock will be used.
 - b. A sub with full opening valve will be kept on the derrick floor to stab into the drill pipe when the kelly is not in use.
9. Coring, logging, and testing program. No coring is planned. No logs will be run unless gas is encountered in the Ferron. Resistivity, S.P. Neutron density. Logs will be run if a gas show is encountered. No DSTs are planned.

10. Abnormal drilling conditions
 - a. No abnormal pressure or temperatures are expected.
 - b. Only methane gas is expected.
11. Anticipated start dates:
Spud date: July 15, 1997
Completed drilling: July 20, 1997
Completed, ready for pipeline: August 1, 1997
12. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. A completion program will be furnished after drilling.
13. Permit fees are paid.

Respectfully submitted,



James B. Lindsay & Associates
P.O. Box 17465
Salt Lake City, UT 84117
(801) 277-1631

Location and Accessibility

The drill site is located in Section 20, Township 21 South, Range 7 East, Emery County, Utah. Access to the site is by paved county road which intersects with State Highway #10.

A gravel and sand mix road extends into the drill site, approximately 85' from the paved county road. A 15" x 20' steel galvanized culvert was installed.

Location of Existing Wells

There are no wells of any description within one mile of the drill site.

Methods of Handling Water Disposal

Drill cuttings and drilling fluids will be contained and disposed of in a reserve pit.

Plans for Restoration of the Surface

This well is being drilled on fee land. Upon completion of the well, if dry, the land will be restored to its original condition in a manner acceptable to the land owner. All waste material will be removed and disposed of at an acceptable dump site. Since this well is less than 1,000' deep, a truck-mounted drilling rig will be used. As such, the sophisticated engineered drill pad associated with deeper drilling methods is not necessary. Enough gravel and sand mix will be laid down to ensure that the drill rig will remain stable during the drilling and completion period. If the well is successful, upgrading of the site for adequate well maintenance will be done.

Plans for Pipeline and Auxiliary Equipment

No plans have been instigated at this time.

AFFIDAVIT OF PROPERTY DAMAGE

PERRY B. and GINETTE BUNDERSON, residing in Emery County, Utah, acknowledge that they are the owners of properties in Township 21 South, Range 7 East, hereby give permission to James Lindsay and his associates ("Lindsay") the right of ingress and egress for the purpose of exploration drilling and oil field development under the following property damage settlement:

1. Lindsay will pay to Perry Bunderson the sum of \$1,000.00 for the first well drilled.

2. Lindsay will pay to Perry Bunderson the sum of \$500.00 for wells that are unsuccessful and subsequently plugged and abandoned as prescribed by the rules of the Utah Division of Oil, Gas and Mining.

3. Lindsay will pay to Perry Bunderson \$1,000.00 for each successful well.

4. Lindsay will have access to producing wells and well sites for the purposes of drilling, installation of production equipment necessary for the operation of each well, and for the purposes of periodic maintenance.

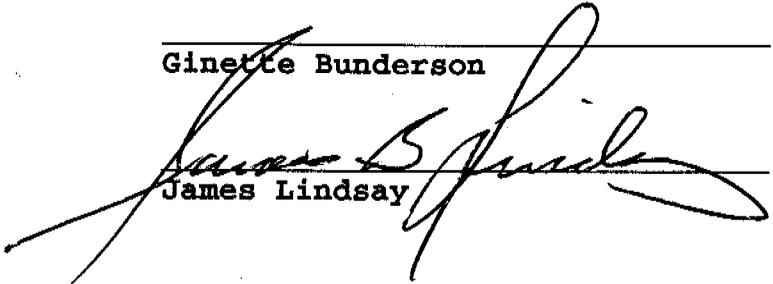
5. Gas pipeline gathering systems will be underground and below plow depth where necessary.

6. Perry Bunderson and Lindsay will work together to solve any problems that may arise during the periods of drilling, producing, and abandonment.

Agreed to this 10 day of July, 1997.


Perry Bunderson

Ginette Bunderson

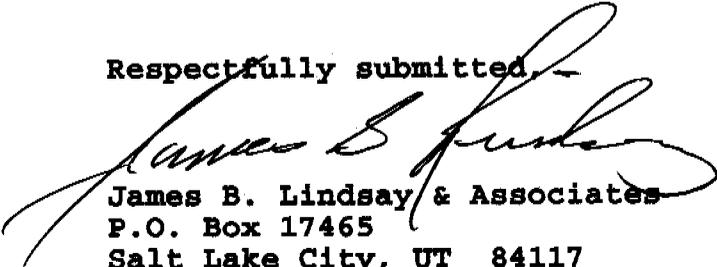

James Lindsay

APPLICATION FOR VARIANCE
OF WELL LOCATION
State Code #2649-33

It is respectfully requested that permission to move the well location from a normal 660 x 660 40-acre spacing to a location as shown on the enclosed survey plat.

Excessive surface water is present on this location. Drilling at the varied location will not interfere with the ranchers' irrigation system.

Respectfully submitted,



James B. Lindsay & Associates
P.O. Box 17465
Salt Lake City, UT 84117
(801) 277-1631

Water

Local water is obtained from a Muddy Creek diversion method of canals, pipelines, and reservoir ponds. Two water storage ponds are immediately adjacent to the drill site. Perry Bunderson, owner of the ponds, has given us access to the ponds and permission to remove water.

A search by the Utah Division of Water Rights indicates there are no water wells within one mile of the drill site.

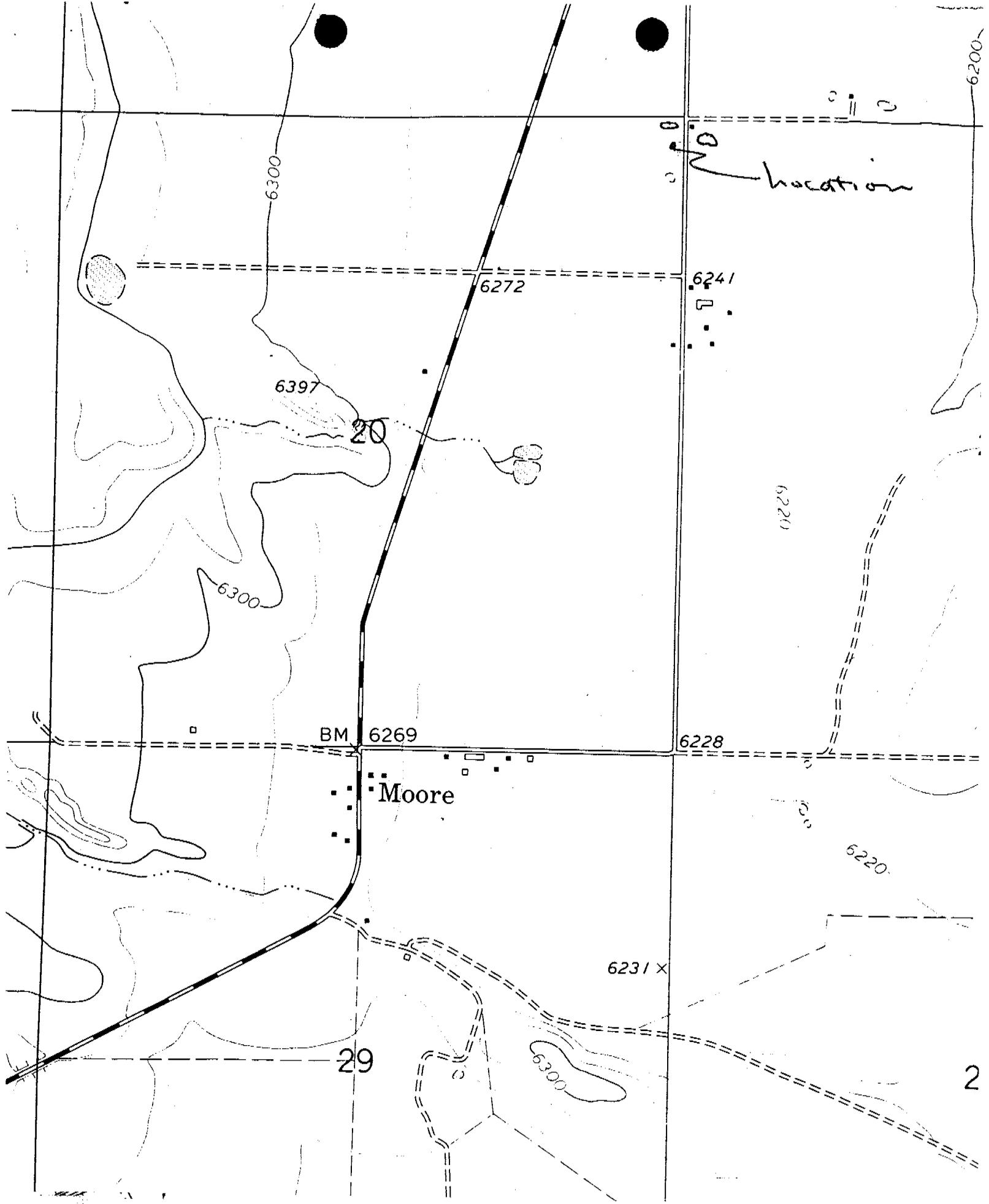
Water Right Permit Numbers:

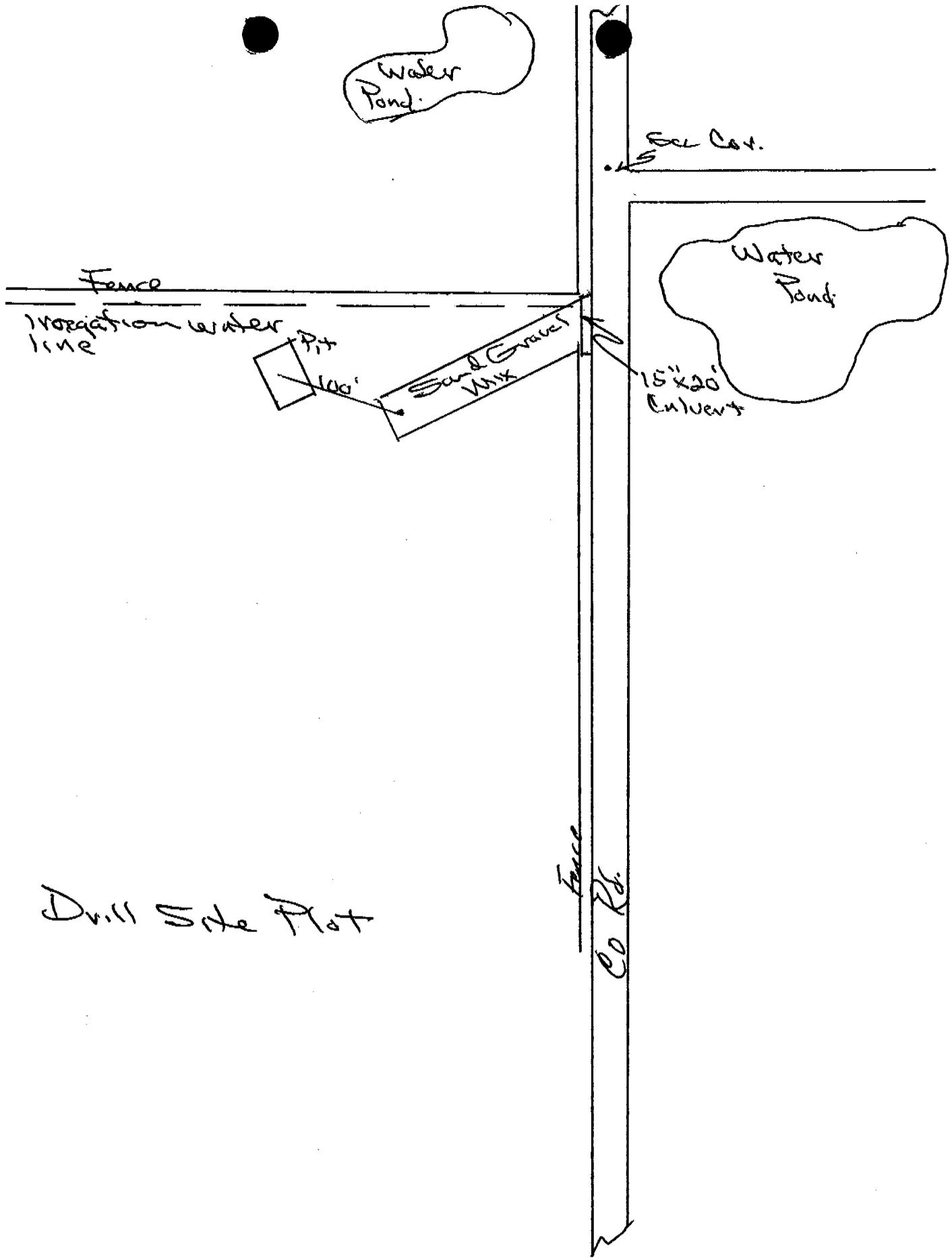
94-11, 94-1162

Respectfully submitted,

James B. Lindsay & Associates
P.O. Box 17465
Salt Lake City, UT 84117
(801) 277-1631

July 14, 1997





Water Pond

Soil Cor.

Fence

Irrigation water line

Pit

Sand Gravel Pit

15' x 20' Culvert

Water Pond

Drill Site Plot

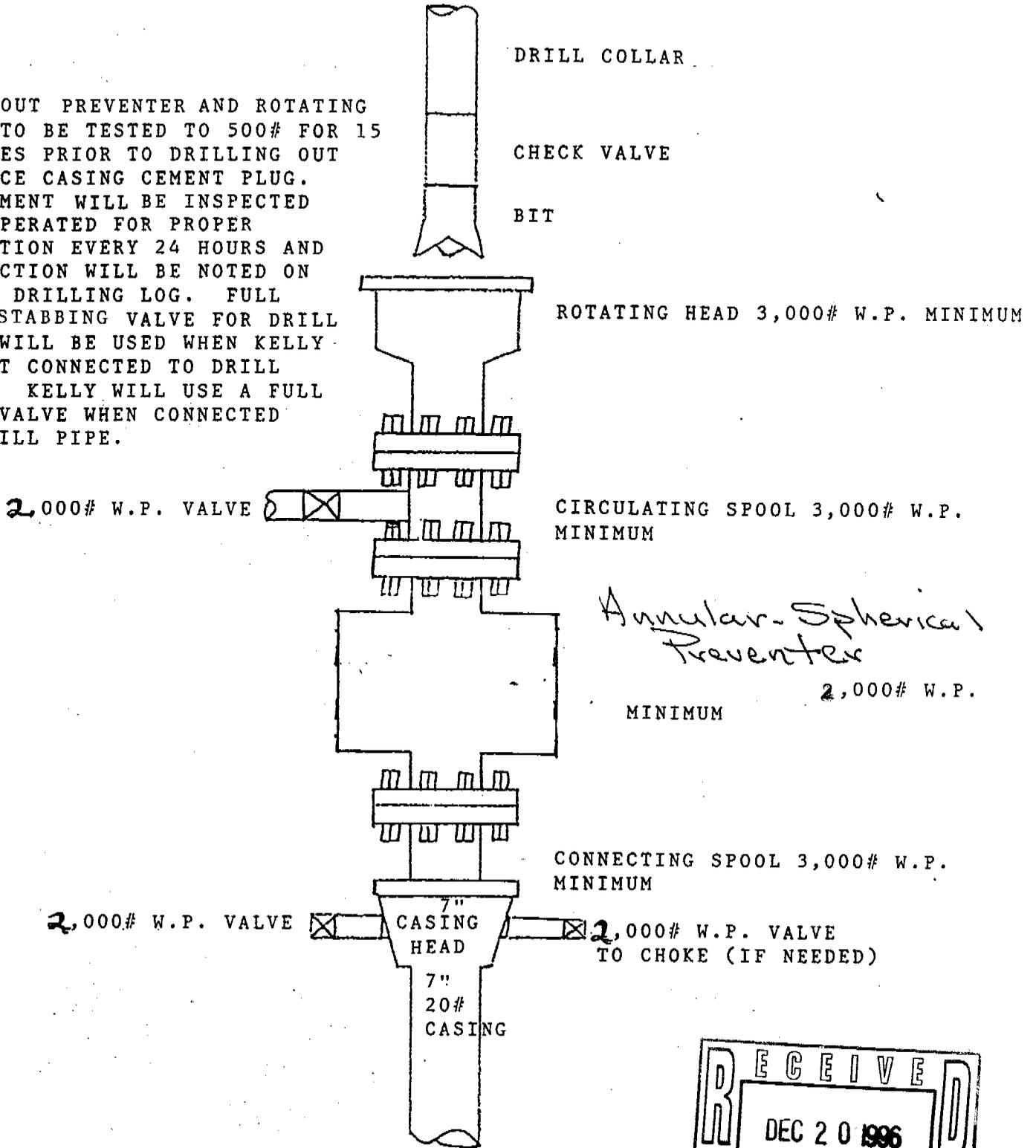
Fence

Co Rd.

BLOW OUT PREVENTION
EQUIPMENT DIAGRAM

BUNDERSON 4-20
TOWNSHIP 21 SOUTH, RANGE 7 EAST, SECTION 20NWNW

BLOW OUT PREVENTER AND ROTATING HEAD TO BE TESTED TO 500# FOR 15 MINUTES PRIOR TO DRILLING OUT SURFACE CASING CEMENT PLUG. EQUIPMENT WILL BE INSPECTED AND OPERATED FOR PROPER OPERATION EVERY 24 HOURS AND INSPECTION WILL BE NOTED ON DAILY DRILLING LOG. FULL BORE STABBING VALVE FOR DRILL PIPE WILL BE USED WHEN KELLY IS NOT CONNECTED TO DRILL PIPE. KELLY WILL USE A FULL BORE VALVE WHEN CONNECTED TO DRILL PIPE.



RECEIVED
DEC 20 1996
DIV OF OIL, GAS & MINING

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/20/96

API NO. ASSIGNED: 43-015-30305

WELL NAME: BUNDERSON 4-20
 OPERATOR: JAMES B LINDSAY & ASSOC (N7800)

PROPOSED LOCATION:
 NENE 20 - T21S - R07E
 SURFACE: 0428-FNL-0085-FEL
 BOTTOM: 0428-FNL-0085-FEL
 EMERY COUNTY
 WILDCAT FIELD (001)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	<i>SEB</i>	7/18/97
Geology	<i>MA</i>	7/17/97
Surface	<i>MA</i>	7/17/97

LEASE TYPE: FEE
 LEASE NUMBER: BUNDERSON

PROPOSED PRODUCING FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number CASHIERS CHECK)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number 94-1162)
- RDCC Review (Y/N)
 (Date: 23-DEC-96)

LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
- Board Cause no: _____
- Date: _____

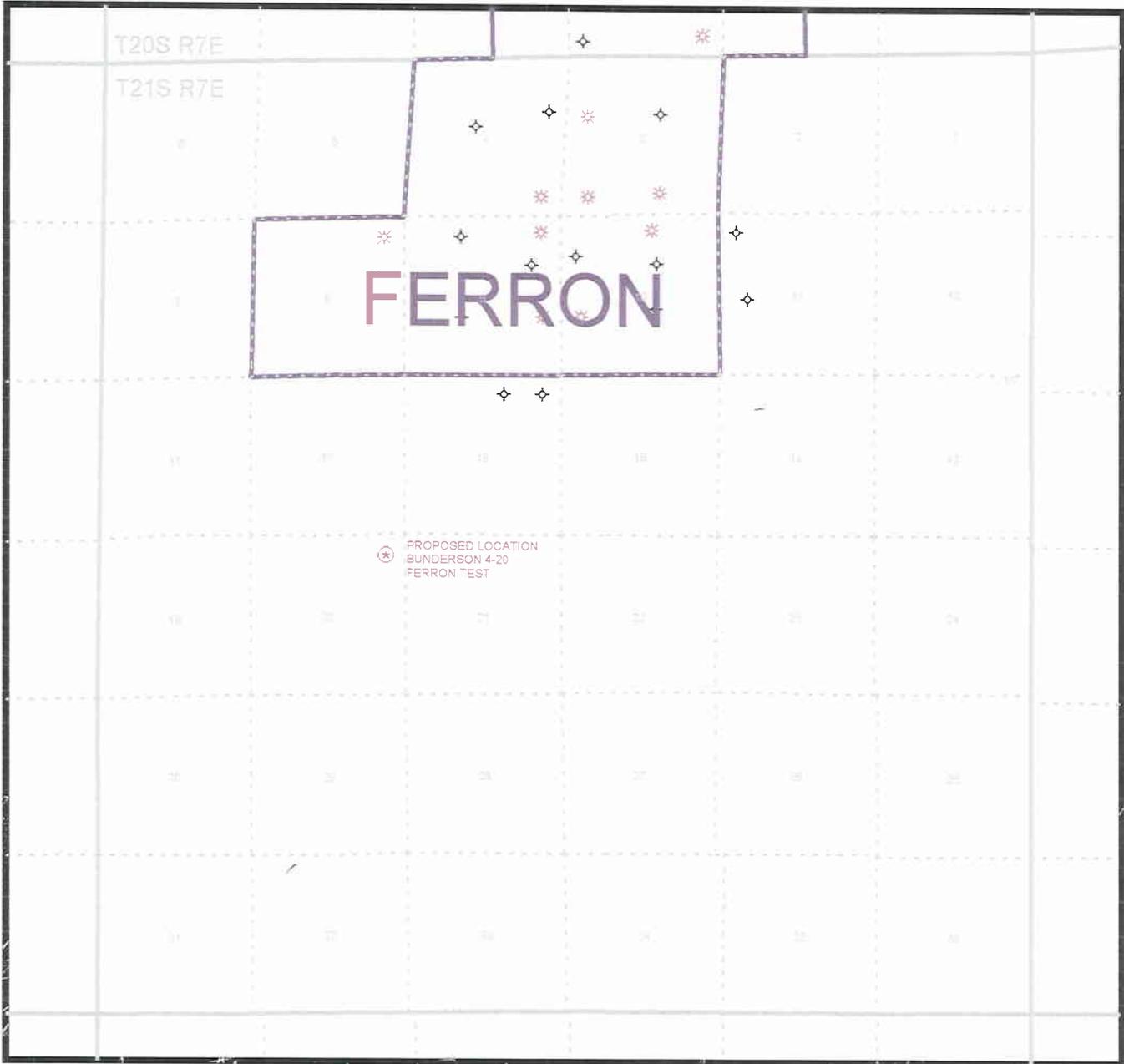
COMMENTS: SUBMITTED FOR RDCC REVIEW 23-DEC-96

Casing OK, cement slip needed, BoP OK, approved as strat test, Exc. loc. info. needed.

STIPULATIONS: (3) Statement of Basis

- (2) Cementing slip.
- (1) This well is approved as a Stratigraphic Test only. ~~Unauthorized~~ Production from this well is not authorized. In order to commence production from the well the operator shall submit written Consent from all mineral interest owners within a 460 foot radius of the well location in accordance with Rule R649-3-3 Exception to Location and Siting of Wells.

OPERATOR: LINDSAY & ASSOCIATES
FIELD: WILDCAT
SEC, TWP, RNG: 20, 21S, 7E
COUNTY: EMERY
UAC: R649-3-2



PREPARED:
DATE: 20-DEC-96

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: James B. Lindsay and Associates

Name & Number: Bunderson 4-20

API Number: 43 - 015 - 30305

Location: 1/4, 1/4 NENE Sec. 20 T. 21 S R. 7 E County: Emery

Geology/Ground Water:

A nearby storage pond for surface water and irrigation water supply dictates the need for a lined pit. There is running water in the irrigation ditches on two sides of the proposed site and stored water in two ponds is within 1/4 mile of the well. The proposed surface casing program should adequately cover any zones of water penetrated.

Reviewer: K. Michael Hebertson

Date: 7/16/97

Surface:

The surface owner requested that well not be placed in the middle of his hay field and the site was moved to the northeast corner of the field to accommodate this request. The operator was instructed to obtain a new survey and submit it to the Division along with an exception spacing request. However it should be noted that Mr. Lindsay does not control all of the mineral interests within 1/2 mile of the well. Several options for the placement of the well were discussed, and several optional methods for the operations of the well and location were proposed. The operator settled on the placement of the well and desired to not pursue other operational options. On July 14, 1997 the operator indicated that he had placed the culvert in the bar ditch to access the location. He also said that the material which was used to fill over the culvert was obtained from the UDOT stockpile not far from the well site. On July 17, 1997, UDOT was contacted to see if the material used was, or if it had ever been roadbase. Vivian Loose of the Emery County UDOT station indicated that in the past the pile had been treated with a hydrocarbon compound to be used as cold patch. However it had never been used but had been allowed to sit and leach out over several years. She was asked about the possibility that the material might be hazardous and she indicated that it probably was. She also said that treated roadbase can be placed on highways, oiled, removed, stockpiled or recycled. Mr. Lindsay was apprised of the situation and was told that he should consider removing the material. It is also possible that the Affidavit of Property Damage may not be properly executed. Ginette Bunderson has not signed the agreement.

Reviewer: K. Michael Hebertson

Date: 7/16/97

Conditions of Approval/Application for Permit to Drill a Stratigraphic Test:

This well is approved as a Stratigraphic Test only. Production from this well is not authorized by the Division of Oil, Gas & Mining. Production from this well will be authorized by compliance with the conditions listed below in items 6 and 7.

Stratigraphic Drilling Stipulations:

1. The pit shall be lined with a synthetic liner which has a minimum thickness of 12 mils. After conclusion of drilling, the pit shall be dried and the liner shall be removed or buried. The pit shall be backfilled to return the area to the original surface contours.
2. Only drill cuttings and a minimal amount of well fluids shall be placed in the pit. All other solid or liquid waste shall be collected and disposed in accordance with applicable state and local requirements for oil field and sanitary waste disposal.
3. The operator shall minimize and suppress dust generated by drilling operations.
4. If the well is a dry hole, the operator will obtain approval of plugging procedures from the Division. The operator shall notify the Division 24 hours prior to plugging the well in order to allow for a Division representative to be on site to witness the plugging operations.
5. The following steps are recommended in order to minimize surface impacts of the drilling operation:
 - a. Sufficient culverts at the main road access to the location should be used to manage expected runoff, standing, and surface water.
 - b. A chemical toilet or its equivalent should be used at this location and should be on location prior to spud.
 - c. A trash cage or its equivalent should be used and should be on location prior to spud. Any such trash container shall emptied into an approved landfill immediately after drilling operation cease.

Production Stipulations:

6. If the well is productive, the operator shall construct a suitable pad and file a plan of operations. The plan should include a diagram of the site layout, access road, equipment placement, pipeline, meter shed, well head, emergency or flare pit, scope of the proposed drilling project with number of proposed wells, map of leasehold interests, or other pertinent development information.
7. In order to prevent runoff or encroachment of fluids, an adequate berm of shall be built around the producing location and road.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: James B. Lindsay and Associates

WELL NAME & NUMBER: Bunderson 4-20

API NUMBER: 43-015-30305

LEASE: Fee FIELD/UNIT: Wildcat

LOCATION: 1/4,1/4 NENE Sec:20 TWP:21S RNG: 7E 428 FNL 85 FEL

LEGAL WELL SITING: 460 F SEC. LINE; F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): x = ; y

SURFACE OWNER: Perry Bunderson(phone # 801 286 2366)

PARTICIPANTS

C. Kierst (DOGM), James Lindsay (operator), K. M. Hebertson (DOGM).
The surface Owner Perry Bunderson was present along with several
other relatives.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau ~4.5 miles east of the high
cliffs forming the western margin of the Wasatch Plateau Thrust Belt,
and ~4 miles west of the San Rafael swell. The location is ~6
miles south of Ferron Utah, ~1/2 mile southwest of King Ditch and ~1/2
mile northeast of South Ditch.

SURFACE USE PLAN

CURRENT SURFACE USE: Agricultural and irrigated for hay.

PROPOSED SURFACE DISTURBANCE: 10' X 10' pad with 10' X 10' X 5'
pit with a berm. ~90' of new approach road.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: One point of
diversion .75 miles Southwest of the location, irrigation ditches on
two sides of the pad and a culinary water line 150 north of the pad.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: No production
facilities are proposed.

SOURCE OF CONSTRUCTION MATERIAL: sand & gravel from a UDOT stockpile
will be used on the approach road and to build up the disturbed area
of the pad.

ANCILLARY FACILITIES: None

WASTE MANAGEMENT PLAN:

NONE WAS SUBMITTED. See the stipulations at the end of this
document.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAINS AND/OR WETLANDS: Several man made ponds and
irrigation canals exist within less than 400' of this location.
However there are no FLOOD PLAINS or wetlands that should be directly
impacted by this well.

FLORA/FAUNA: Alfalfa, Morning Glory, and grasses, birds, coyotes,
rodents,

SOIL TYPE AND CHARACTERISTICS: Moderately permeable soil ranging in
grain size between clay and sand developed from the Emery Sandstone
and the Cretaceous Mancos Shale.

SURFACE FORMATION & CHARACTERISTICS: Cretaceous Mancos Shale

EROSION/SEDIMENTATION/STABILITY: Stable ground

PALEONTOLOGICAL POTENTIAL: poor (location is private surface no survey
is required).

RESERVE PIT

CHARACTERISTICS: 10' X 10' X 5', rectangular, excavated, bermed pit.

LINER REQUIREMENTS (Site Ranking Form attached): Minimum 12 mil
synthetic liner

SURFACE RESTORATION/RECLAMATION PLAN

As per Surface Owner's Agreement

SURFACE AGREEMENT: Affidavit of Surface Owner's Agreement on file.

CULTURAL RESOURCES/ARCHAEOLOGY: None required on private land.

OTHER OBSERVATIONS/COMMENTS

The location was moved at the pre-site in order to not impact the hay field any more than necessary and to accommodate the landowner with a more efficient use of the space available. The location is now in a salt saturated area of the field and less hay production will be lost. A new survey was requested as a result of the moved location.

ATTACHMENTS:

Photos will be placed on file.

Christopher Kierst & Mike Hebertson
DOGM REPRESENTATIVE

7/2/97 /10:00 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>20</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>5</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>6</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>15</u>
Final Score (Level I Sensitivity)		<u>56</u>

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APPLICATION FOR PERMIT TO DRILL
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Name & Number: Bunderson 4-20

API Number: 43 - 015 - 30305

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Reviewer: K. Michael Hebertson

Date: 7/16/97

Surface:

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Reviewer: K. Michael Hebertson

Date: 7/16/97

Conditions of Approval/Application for Permit to Drill:

1. Culverts sufficient to manage expected runoff, standing and surface water will be placed and maintained at the main road access.
2. A berm of 1 foot minimum height will be placed around the roadway, location and pit. To prevent runoff or encroachment of fluids.

Conditions of Approval/Application for Permit to Drill Continued:

3. No site infrastructure other than the drilling rig, chem toilets, and trash cage are authorized on this location.
4. Minimum 12 mil synthetic lined pit.
5. A chemical toilet or its equivalent will be used at this location and will be on location prior to spud.
6. A trash cage will be used and will be on location prior to spud. It will be emptied into an approved landfill immediately after drilling operation cease.
7. The reserve pit will be dried after use the liner will be removed or buried at least 4' deep, and the pit backfilled.
8. The blooie pit will be a minimum of 10' X 10' X 5', it will be placed at least 100' from the wellbore and lined.
9. Drill cuttings will be contained in the Blooie pit.
10. If the well is productive the operator will have 30 days to construct a suitable pad and file a plan of operations
11. If the well is a dry hole the operator will contact DOGM for plugging procedures and a DOGM representative will be on site to witness the plugging operations.
12. If the well is a dry hole the access road and pad material will be removed and disposed of at an approved landfill within 30 days.
13. A well identification with the proper information will be on site prior to spudding the well.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

July 18, 1997

James B. Lindsay & Associates
3382 East Bruce Street
Salt Lake City, Utah 84124

Re: Bunderson 4-20 Well, 428' FNL, 85' FEL, NE NE, Sec. 20,
T. 21 S., R. 7 E., Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30305.

Sincerely,

A handwritten signature in cursive script that reads "Lowell P. Braxton".

Lowell P. Braxton
Deputy Director

lwp

Enclosures

cc: Emery County Assessor
Bureau of Land Management, Moab District Office

Operator: James B. Lindsay & Associates
Well Name & Number: Bunderson 4-20
API Number: 43-015-30305
Lease: Fee
Location: NE NE Sec. 20 T. 21 S. R. 7 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. This well is approved as a Stratigraphic Test only.

Production from this well is not authorized until the operator meets all the requirements of Rule R649-3-3, Exception to Location and Siting of Wells. In order to commence production from the well the operator shall submit written consent from all mineral interest owners within a 460 foot radius of the well location in accordance with Rule R649-3-3.

5. The cement volumes for the 4-1/2" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated July 16, 1997 (copy attached).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

OPERATOR: JAMES B. LINDSEY & ASSOC. API NO: 43-015-30305

WELL NAME: BUNDERSON 4-20 LEASE: FEE

QTR/QTR: NE/NE SECTION: 20 TOWNSHIP: 21S RANGE: 7E

PLUGGING COMPANY NAME: _____

COMPANY REPRESENTATIVE: CLIFF MURRAY

DOG M INSPECTOR: MICHAEL HEBERTSON DATE: 7/30/97

TYPE OF WELL: OIL: _____ GAS: X WIW: _____

CASING INFORMATION: SURFACE CASING: X OTHER: _____

SIZE: 7" GRADE: 20# HOLE SIZE: 9 5/8" DEPTH: 120'

PIPE CENTRALIZED: YES: X NO: _____ CEMENTING CO. BOWMAN REDI-MIX

CEMENTING STAGES: 1 STAGE TOOL @: _____

SLURRY INFORMATION:

1. LEAD NO LEAD

2. SLURRY: 19 BBLs 15.8# REDI-MIX% NO ADDITIVES CLASS "A"

3. SLURRY: 9 BBLs DISPLACEMENT

4. SLURRY: _____

5. SLURRY: _____

6. CEMENT TO SURFACE: YES: X NO: _____ LOST RETURNS: YES: _____ NO: X

7. 1 INCH INFORMATION: CLASS: _____ ADDITIVES: _____

CEMENT WEIGHT: _____ CEMENT TO SURFACE: _____ LENGTH OF 1 INCH: _____ FT.

ADDITIONAL COMMENTS: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: JAMES B. LINDSEY COMPANY REP: CLIFF MURRAY

WELL NAME: BUNDERSON 4-20 API NO: 43-015-30305

QTR/QTR: NE/NE SECTION: 20 TWP: 21S RANGE: 7E

CONTRACTOR: PARKER WELL SERVICE RIG NUMBER: 1

INSPECTOR: MKH TIME: 2:00 PM DATE: 7/28/97

TYPE OF WELL: OIL: _____ GAS: X WIW: _____

SPUD DATE: DRY: _____ ROTARY: 7/25/97 PROJECTED T.D.: 1000'

OPERATIONS AT TIME OF VISIT: continuing to set conductor pipe.
@ 60' 10 3/4" . TD was 65' at time of visit.

WELL SIGN: no MUD WEIGHT: _____ LBS/GAL BOPE: _____

BLOOIE LINE: _____ FLARE PIT: _____ H2S POTENTIAL: _____

ENVIRONMENTAL:

RESERVE PIT: yes FENCED: _____ LINED: _____ PLASTIC: yes

RUBBER: _____ BENTONITE: _____ SANITATION: _____

WATER ENCOUNTERED DURING DRILLING: _____

DEPTH: _____

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

REMARKS: No chemical toilet on site or trash receptacle.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: JAMES B. LINDSEY COMPANY REP: CLIFF MURRAY

WELL NAME: BUNDERSON 4-20 API NO: 43-015-30305

QTR/QTR: NE/NE SECTION: 20 TWP: 21S RANGE: 7E

CONTRACTOR: PARKER WELL SERVICE RIG NUMBER: 1

INSPECTOR: MKH TIME: 2:00 PM DATE: 7/25/97

TYPE OF WELL: OIL: _____ GAS: X WIW: _____

SPUD DATE: DRY: _____ ROTARY: 7/25/97 PROJECTED T.D.: 1000'

OPERATIONS AT TIME OF VISIT: RU and spudding well. Drilled to
10' PU conductor 10 3/4" set 20'.

WELL SIGN: no MUD WEIGHT: _____ LBS/GAL BOPE: _____

BLOOIE LINE: _____ FLARE PIT: _____ H2S POTENTIAL: _____

ENVIRONMENTAL:

RESERVE PIT: yes FENCED: _____ LINED: _____ PLASTIC: yes

RUBBER: _____ BENTONITE: _____ SANITATION: _____

WATER ENCOUNTERED DURING DRILLING: _____

DEPTH: _____

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

REMARKS: No chemical toilet on site or trash receptacle.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: JAMES B. LINDSEY COMPANY REP: CLIFF MURRAY

WELL NAME: BUNDERSON 4-20 API NO: 43-015-30305

QTR/QTR: NE/NE SECTION: 20 TWP: 21S RANGE: 7E

CONTRACTOR: PARKER WELL SERVICE RIG NUMBER: 1

INSPECTOR: JLT TIME: 8:00 AM DATE: 7/22/97

TYPE OF WELL: OIL: _____ GAS: X WIW: _____

SPUD DATE: DRY: _____ ROTARY: 7/25/97 PROJECTED T.D.: 1000'

OPERATIONS AT TIME OF VISIT: BOPE equipment arriving on location
Contacted operator-no rig on location. Cleaned out reserve pit
and set liner. Rig to arrive on site in the afternoon.

WELL SIGN: no MUD WEIGHT: _____ LBS/GAL BOPE: _____

BLOOIE LINE: _____ FLARE PIT: _____ H2S POTENTIAL: _____

ENVIRONMENTAL:

RESERVE PIT: yes FENCED: _____ LINED: _____ PLASTIC: yes

RUBBER: _____ BENTONITE: _____ SANITATION: _____

WATER ENCOUNTERED DURING DRILLING: _____

DEPTH: _____

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

REMARKS: Will set 100' of 7" 20# surface casing.

DIVISION OF GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

8. If Indian, Alutian or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: James B. Lindsay & Assoc.

3. Address and Telephone Number: 3382 E Bruce St. Salt Lake, Utah 801-277-1631

4. Location of Well: Footages: CO, Sec., T., R., M.: SE SE 1/4 20 T. 21 S. R. 7 E

Bunderson #4-20

43-015-30305

Wildcat

County: Emery State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Multiple Completion, Other, New Construction, Pull or Alter Casing, Recomplete, Reperforate, Vent or Flare, Water Shut-Off

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Other (Drilling Report), New Construction, Pull or Alter Casing, Reperforate, Vent or Flare, 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 REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

7-25 Spud & Drill to 20'
7-26 No progress
7-27 Drill to 40'
7-28 conductor set @ 45' Drill to 85'
7-29 Drill to 120'. set 7" 26 # @ 120'
7-30 cement 7" csp. to surface w/ 16 # slurry class A cement
7-31 wait on cement
8-1 No progress
8-2 No progress
8-3 Rig up well head & Annular Preventer & Press test to 1000 # for 15 min. Drill to 145'
8-4 Drill to 330'

13. Name & Signature: Clifford Murray (Signature) Title: Agent Date: 8-8-97

(This space for State use only)

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. Lease Designation and Serial Number:

8. If Indian, Alutian or Tribe Name:

7. Unit Agreement Name:

6. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

1. Type of Well: OIL GAS OTHER: DRY

Bunderson 4-20

2. Name of Operator: James B. Lindsay and ASSOC.

43-015-30305

3. Address and Telephone Number: 3382 E Bruce street Salt Lake, Utah 801-277 1631

4. Location of Well
Footage:

County: Emery
State: Utah

CG, Sec., T., R., M.: NENE Sec. 20 T. 21S R9c 7E

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start 8-11 or 12

Date of work completion _____

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

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

P&A procedure

- 1- Blow well clean After reaching T.D. (Approx. 1000')
- 2- Pull out of Hole w/Drill String
- 3- fill well from T.D. to Surface w/7 Bag mortar mix, Approx. 10 yards
- 4- install plate w/ well Identification Information 3' Below surface on surface casing.
- 5- Reclaim Reserve pits and location to Landowner specs.

13.

Name & Signature: Cliff Murray Title: Agent

Date: 8-11-97

(This space for State use only) Recd by DOGM by fax - 8/11/97.
Verbal approval granted 8/11/97 by JRB.

ATTN John Baza
801-359-2940
John I'll call After a while. Thanks cliff
801-823-5000

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING (See Instructions on Reverse Side)

DATE: 8/14/97
BY: John K. Baza

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number: _____

6. If Indian, Allocated or Tribe Name: _____

7. Unit Agreement Name: _____

8. Well Name and Number: Bunkerson 4-20

9. API Well Number: 43-015-30305

10. Field and Pool, or Wildcat: Wildcat

County: Emery

State: Utah

1. Type of Well: OIL GAS OTHER: DMY

2. Name of Operator: James B. Lindsay & ASSOC.

3. Address and Telephone Number: 3382 E. Bruce St. Salt Lake, Utah 801-277-1631

4. Location of Well

Footages: _____

OQ, Sec., T., R., M.: NENE Sec. 20 Twp. 21S Rge 7E

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

NOTICE OF INTENT (Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other _____
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start 8-11 or 12

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

P&A procedure

- 1- Blow well clean after reaching T.D. (approx. 1000')
- 2- pull out of Hole w/ drill string
- 3- fill well from T.D. to surface w/ 7 Bag mortar mix. Approx. 10 yards
- 4- install plate w/ well identification information 3' below surface on surface casing.
- 5- Reclaim reserve pits and location to landowner specs.

13. Name & Signature: Cliff Murray Agent Date: 8-11-97

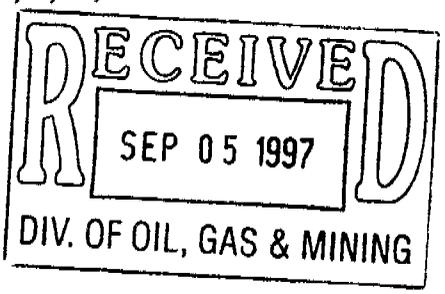
(This space for State use only)

Verbal approval granted by SRB to Cliff Murray 8/11/97

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

DATE: 8/15/97
BY: John R. Dwyer

(See Instructions on Reverse Side)



SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <u>Dry</u>		5. Lease Designation and Serial Number: _____
2. Name of Operator: <u>James B. Lindsay & Assoc.</u>		6. If Indian, Allottee or Tribe Name: _____
3. Address and Telephone Number: <u>3382 E. Bruce St. Salt Lake, Utah 801-277-1631</u>		7. Unit Agreement Name: _____
4. Location of Well Footages: OO, Sec., T., R., M.: <u>NENE Sec. 20 Twp. 21S Rge. 7E</u>		8. Well Name and Number: <u>Bunderson 4-20</u>
		9. API Well Number: <u>43-015-30305</u>
		10. Field and Pool, or Wildcat: <u>Wildcat</u>
		County: <u>Emery</u> State: <u>Utah</u>

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

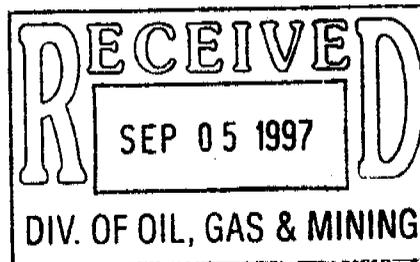
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Abandon	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion <u>8-12-97</u>	
		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.	

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

Filled well w/ 7 bag mortar mix from 1020' to surface. installed plate w/ well I.P. 3' below surface on top of casing. surface to be reclaimed by Land owner. Landowner release to follow

13. Name & Signature: Cliff Murray Cliff Murray Title: Agent Date: 9-2-97

(This space for State use only)



SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <u>Dry</u>		5. Lease Designation and Serial Number: _____
2. Name of Operator: <u>James B. Lindsay and assoc.</u>		6. If Indian, Allottee or Tribe Name: _____
3. Address and Telephone Number: <u>3382 E. Bruce St. Salt Lake, Utah 801-277-1631</u>		7. Unit Agreement Name: _____
4. Location of Well Footages: OO, Sec., T., R., M.: <u>NENE Sec. 20 Twp. 21S Rge. 7E</u>		8. Well Name and Number: <u>Bunderson 4-20</u>
		9. API Well Number: <u>43-015-30305</u>
		10. Field and Pool, or Wildcat: <u>wildcat</u>
		County: <u>Emery</u> State: <u>Utah</u>

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

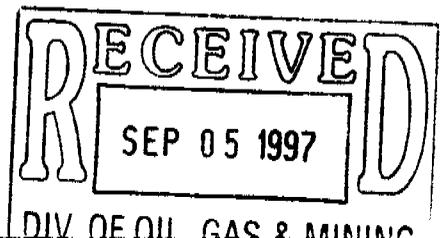
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Drilling Progress</u>	
<input type="checkbox"/> Other <u>1</u>			
Approximate date work will start _____		Date of work completion _____	
		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

8-4 Drill to 325'	8-11 Drill to 1020'
8-5 " " 430'	8-12 P&A well from T.D. to surface w/ 7 bag mortar m.X.
8-6 " " 465'	
8-7 " " 540'	
8-8 No progress. Bit trip	Top of ferron from sample ± 970'
8-9 Drill to 830'	
8-10 " " 970'	

13. Name & Signature: Clifford Murray Title: Agent Date: 8-12-97

(This space for State use only)



SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: _____
2. Name of Operator: James B. Lindsay & Assoc.	6. If Indian, Allocated or Tribe Name: _____
3. Address and Telephone Number: 3382 E Bruce St. Salt Lake, Utah 801-277 1631	7. Unit Agreement Name: _____
4. Location of Well Footages: NENE 20 20 T.21S. R.7E	8. Well Name and Number: Bunderson #4-20
OO, Sec., T., R., M.:	9. API Well Number: 43-015-30305
	10. Field and Pool, or Wildcat: Wildcat
	County: Emery
	State: Utah

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"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Drilling Report</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

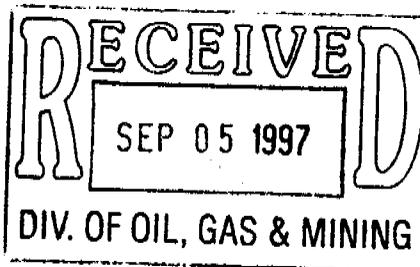
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

7-25 Spud & Drill to 20'
 7-26 No progress
 7-27 Drill to 40'
 7-28 conductor set @ 45' Drill to 85'
 7-29 Drill to 120'. Set 7" 26 # @ 120'
 7-30 cement 7" csp. to surface w/16 # slurry
 class A cement
 7-31 wait on cement

8-1 No progress
 8-2 No progress
 8-3 Rig up well head & Annular Preventer & Press test to 1800 # for 15 min.
 Drill to 145'
 8-4 Drill to 330'

13. Name & Signature: Clifford Murray Title: Agent Date: 8-8-97

(This space for State use only)



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
—

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
—

7. UNIT AGREEMENT NAME
—

8. FARM OR LEASE NAME
Bundersen

9. WELL NO.
4-20

10. FIELD AND POOL OR WILDCAT
Willcat

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
S T R
20 21S 7E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESTR. Other _____

3. NAME OF OPERATOR
James B. Lindsey & Assoc.

4. ADDRESS OF OPERATOR
3382 E. Bruce St. Salt Lake Utah 801-277-1631

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 85' FEL 428' FNL
At top prod. interval reported below
At total depth SAA

14. API NO. 43-015-30305 | DATE ISSUED 7-18-97 | 12. COUNTY Emery | 13. STATE Utah

15. DATE SPUNDED 7-25-97 | 16. DATE T.D. REACHED 8-11-97 | 17. DATE COMPL. (Ready to prod.) 8-12-97 (Plug & Am.) | 18. ELEVATIONS (OF. SEC. RT. GR. ETC.) 6264.5 GL | 19. ELEV. CASINGHEAD 6261.5

20. TOTAL DEPTH, MD & TVD 1020' | 21. PLUG BACK T.B., MD & TVD — | 22. IF MULTIPLE COMPL. HOW MANY — | 23. INTERVALS DRILLED BY — | ROTARY TOOLS X | CABLE TOOLS —

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) — | 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN NONE | 27. WAS WELL CORED YES NO (Subsides analysis) | DRILL STEM TEST YES NO (See course code)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT POLLED
7"	26	120	9 5/8	to surface	None

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)

31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) P & A

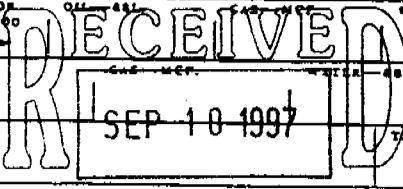
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—GAL.	GAS—MCF.	WATER—GAL.	GAS-OIL RATIO

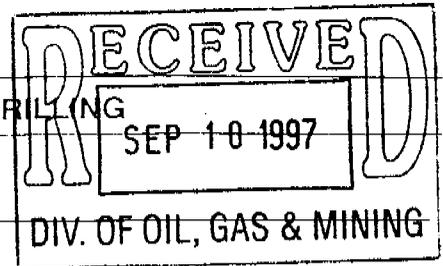
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS | DIV. OF OIL, GAS & MINING

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

SIGNED Clifford Murray TITLE Agent DATE 9-10-97





REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Bunder-son 4-20
 API number: 43-015-30305
2. Well Location: QQ NENE Section 20 Township 21S Range 7E County EMERY
3. Well operator: James B. Lindsay & ASSOC.
 Address: 3382 E. Bruce St. Salt Lake
Utah 801-277-1631 Phone: _____
4. Drilling contractor: Parker A.R. Drilling Larry Parker
 Address: _____
Vernal Utah 84078 Phone: 801-789-6510

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
20	120	@ 20'	Fresh

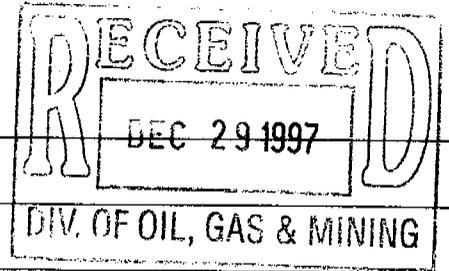
6. Formation tops: Ferron SS 970'

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name & Signature: Clifford Murray Title: Agent

Perry Brundson - Surface owner

1-801-286-2366



John Baza.

Associate Director

Dept of Natural Resources

Division of Oil Gas & Mining

1594 West, North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, UT. 84114-5801

Dear John

Please do what ever is necessary pertaining to advertisement of my recent gas test south of the Ferron Gas Field.

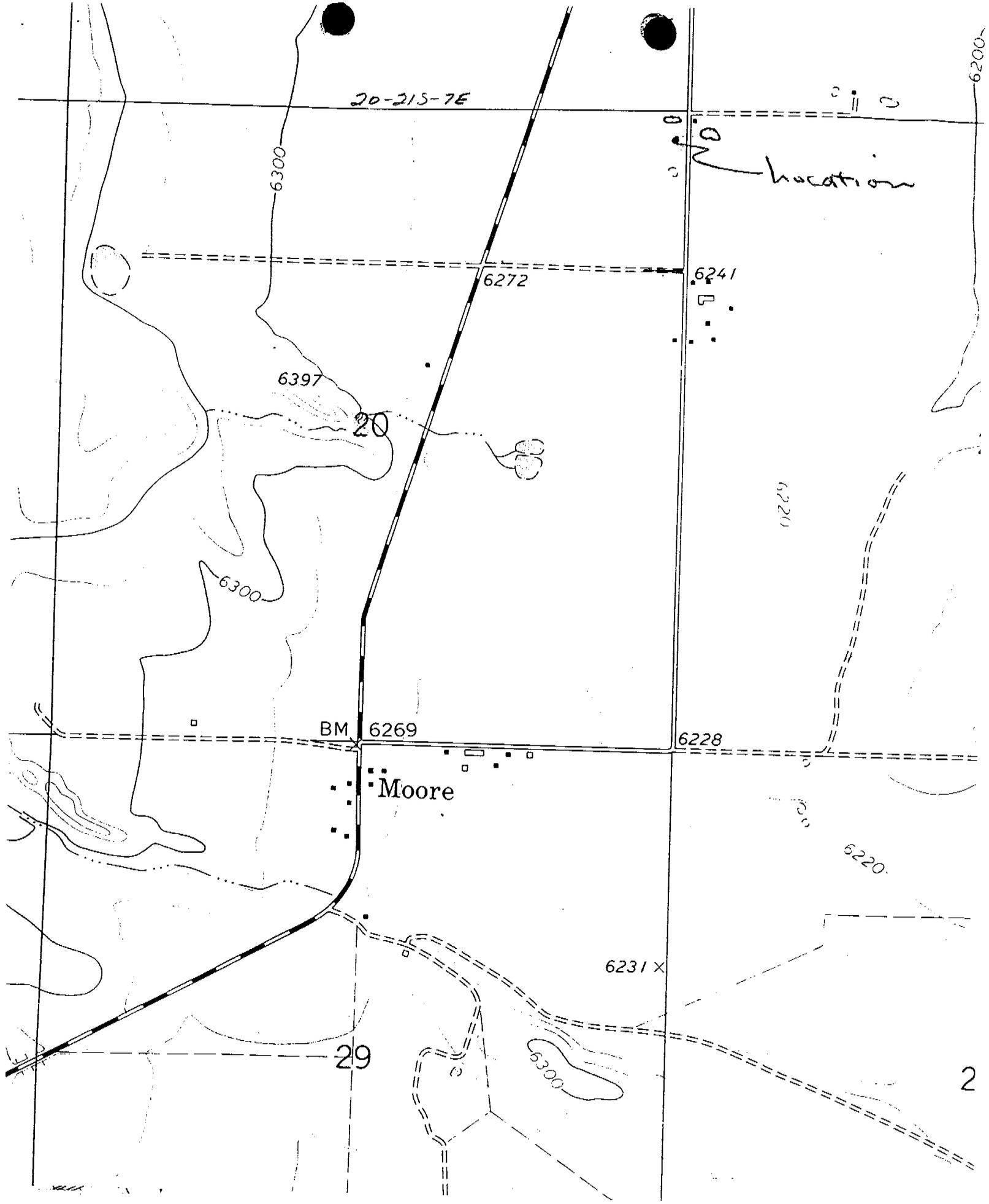
I would like to request that you release my \$1000⁰⁰ Cashiers Check Bond as soon as possible.

I have contacted Merrell Duncan in Ferron (384-2706), to fix the liner problem.

I'll contact you after the 1st to see whats happening - Thanks for your help

Sincerely yours

A handwritten signature in cursive script, appearing to read "Perry Brundson".



20-215-7E

location

6300

6397

6272

6241

6300

BM 6269

6228

Moore

6220

6220

6231 X

29

6300

2

6200-

MEMORANDUM

TO: File
FROM: Mike Hebertson
THRU: John Baza
DATE: 29-Oct-1997
RE: Meeting with Perry Bunderson about Lindsay well site

John,

On Tuesday Morning Oct. 28, 1997 a meeting was held with Perry Bunderson about the Bunderson 4-20 well and site that are located on his property. I arrived at the well-site at about 11:20 and found Mr. Bunderson picking up the last of the hay bails out of his field.

After several minutes of looking at the condition of the site Perry indicated that his problem with the current plan was that Mr. Lindsay had written the release agreement making him liable for any problems that might arise at the site in the future. Perry was not happy with the agreement because he had not seen the money up front for the calf that had fallen in the cellar and died nor had he been offered enough to take on the responsibility for the cleanup of the location. However his main concern was that the well might leak and that he would be left to figure out how to take care of a problem that he had not created.

I indicated the Mr. Bunderson that the well was plugged from surface to TD with seven bag mortar mix cement and that the state had set the mix based on the fact that the well had drilled to TD with no significant water shows and was dry at TD.

He asked if the State had someone witness the plugging and I told him I thought that we had, that Jimmy Thompson had been there. I was mistaken there was no State Representative there. However the State has on file a Sundry Report stating that the well was plugged in the recommended manner with seven bag mortar mix from surface to TD.

Mr. Bunderson said that with that information he would contact Jim Lindsay again and offer to cleanup the location for \$500, and that would include the price of his calf that died in the cellar. (Incidentally the calf was buried in the cellar, which has caved in, and stinks real bad.) I told Perry to call me after he had talked with Jim and let me know what they had worked out, however if he didn't feel comfortable signing a release form assuming liability for the wellbore that I personally didn't blame him.

It is my recommendation that Mr. Lindsay be asked to supply proof of purchase for the cement placed in the well bore, and possibly a statement signed by two parties that actually saw the cement go in the hole and come flush to the surface.

80-11-75

From: Michael Hebertson
To: JBaza
Date: 10/29/97 11:16am
Subject: Meeting with Perry Bunderaon

John,

The attached memo will be found on the N:\Presite2 drive under the name Bunder. WPD and can be edited or changed in any way you feel necessary. If more detail is required let me know or if you have questions about items that may or may not be in the memo that might have been discussed I'll be happy to fill in the missing parts.

January 27, 1998

TO: Well file

FROM: Jimmie Thompson, Reclamation Specialist

RE: Request for Agency Action-Bond Release, Bunderson 4-20, Section 20, Township
21 South, Range 7 East, Emery County, Utah. API 43-015-30305

A request was received from James B. Lindsey for the release of the drilling bond for this well. An inspection was made on January 26, 1998. The drilling pit and the diversion ditch have been properly backfilled, and the location leveled. Therefore the operator has met the minimum requirements of Division regarding reclamation of the drill site. It is my recommendation that the bond be released for this well, effective this date.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Bunderson 4-20 Suspense Other
(Return Date) _____

(Location) Sec 20 Twp 21S Rng 7E (To-Initials) _____

(API No.) 43-015-30305

1. Date of Phone Call: 1/9/98 Time: 10:30 am

2. DOGM Employee (name) Jimmie Tompson (Initiated Call)

Talked to: Merrell Duncan

Name: _____ (Initiated Call - Phone No. (801) 384-2706)

Of (Company/Organization) Dirt contractor for Jim Lindsey (operator)

3. Topic of Conversation: Reclamation of the diversion ditch.

4. Highlights of Conversation: Didn't speak to him personally left message on answering machine. Told him that the Division had talked to the landowner and the diversion ditch would need to be backfilled while he was on location.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Bunderson 4-20 Suspense Other
(Return Date) _____

(Location) Sec 20 Twp 21S Rng 7E (To-Initials) _____

(API No.) 43-015-30305

1. Date of Phone Call: 1/8/98 Time: 4:30 pm

2. DOGM Employee (name) Jimmie Tompson (Initiated Call)

Talked to: _____

Name: Perry Bunderson (Initiated Call - Phone No. (801) 286-2366

Of (Company/Organization) Fee landowner

3. Topic of Conversation: Reclamation of the diversion ditch.

4. Highlights of Conversation: Landowner stated that this ditch was installed when the location was built to divert irrigation water around the location, and being it was part of the drilling project, he requests that the operator backfill this ditch as part of the reclamation work on the drilling location.

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02/12/98          D E T A I L   W E L L   D A T A          menu: opt 00
api num:  4301530305   prod zone:          sec   twnshp   range   qr-qr
entity:   99998 : PA/LA                20   21.0 S   7.0 E   NENE
well name: BUNDERSON 4-20
operator:  N7800 : JAMES B LINDSAY & ASSOC          meridian: S
field:    1      : WILDCAT
confidential flag: confidential expires:          alt addr flag:
          * * * application to drill, deepen, or plug back * * *
lease number: FEE          lease type: 4          well type:      GW
surface loc:  0428 FNL 0085 FEL   unit name:
prod zone loc: 0428 FNL 0085 FEL   depth:         1000   proposed zone: FRSD
elevation:    6244' GR          apd date:      970718   auth code:  R649-3-3
* * completion information * *   date recd:     970910   la/pa date: 19970812
spud date:    970723          compl date:    970812   total depth: 1020'
producing intervals:
bottom hole:  0428 FNL 0085 FEL   first prod:          well status:  PA
24hr oil:    24hr gas:          24hr water:         gas/oil ratio:
          * * well comments:    directionl:         api gravity:
970910 PA'D EFF 8/12/97:

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opt: 21 api: 4301530305 zone:          date(yymm):          enty          acct: N2945

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**UTAH DIVISION OF OIL, GAS AND MINING
OIL AND GAS WELL INSPECTION RECORD**

Operator: JAMES B. LINDSEY & ASSOCIATES Lease Number: FEE

Well Name: BUNDERSON 4-20 API Number: 43-015-30305

Sec: 20 Twp: 21S Rng: 7E County: EMERY Field: WILDCAT

Well Status: PA

GENERAL	Inspected (✓)
1. Well Identification	
2. Well Equipment	
3. Environmental Protection	
4. Temporary/Emergency Pits	
5. Spills, Discharges, Seepage	
Remarks: See attached report.	
OIL PRODUCTION	Inspected (✓)
1. Method of Measurement: Tank Gauge <input type="checkbox"/> LACT Unit <input type="checkbox"/> Other <input type="checkbox"/>	
2. Storage Facilities	
3. Lines Leaving Storage Facilities Sealed/Locked	
4. Oil Handling/Treatment Equipment	
Remarks:	
GAS PRODUCTION	Inspected (✓)
1. Type of Gas Production: Gas Well <input type="checkbox"/> Casinghead <input type="checkbox"/>	
2. Gas Disposition: Sold <input type="checkbox"/> Flared/Vented <input type="checkbox"/> Used on Lease <input type="checkbox"/> Other <input type="checkbox"/>	
3. Method of Measurement: Orifice Meter <input type="checkbox"/> Turbine Meter <input type="checkbox"/> Estimated <input type="checkbox"/> Other <input type="checkbox"/>	
4. Gas Handling/Treatment Equipment	
PRODUCED WATER DISPOSAL	Inspected (✓)
1. Disposal Method: Unlined Pit <input type="checkbox"/> Lined Pit <input type="checkbox"/> Subsurface <input type="checkbox"/> Other <input type="checkbox"/>	
2. If Disposal by Pits, Are Pits Satisfactory? Yes <input type="checkbox"/> No <input type="checkbox"/>	
3. Other E & P Waste Disposal	
Remarks:	

Inspector: J. Thompson Date: 1/26/98