

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED **OIL & GAS** SUB REPORT: abd

* Location Abandoned - Well never drilled - 3-29-82

DATE FILED **6-17-81**

LAND FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN **14-20-H62**

DRILLING APPROVED: **7-16-81** **3423**

SPUDDED IN
COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION **6479' GR**

DATE ABANDONED: **LA 3-29-82**

FIELD **Wildcat 786**

UNIT

COUNTY: **Duchesne**

WELL NO **B.C. UTE 14-10**

API# **43-013-30578**

LOCATION **1515' 15/16'** FT FROM (S) LINE. **2056"** FT FROM (E) LINE **NW SE** 1/4 - 1/4 SEC **14**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
58	5W	14	COUGAR EXPLORATION INC				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR
 COUGAR EXPLORATION, INC.

3. ADDRESS OF OPERATOR
 One Denver Place Suite 1260, 999 18th St, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 2056' FEL 1516' FSL Sec. 14, T5S, R5W, USB&M.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 23.4 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1516'

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1200'

19. PROPOSED DEPTH
 5000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6479' Finish Location

22. APPROX. DATE WORK WILL START*
 1 July 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	Conductor pipe	40'	25 sacks
12 1/2"	9 5/8"	32#	460'	100 Sacks
8 3/4"	5 1/2"	32#	4500'	200 Sacks

See 10 point and attachments

RECEIVED
JUN 17 1981

DIVISION OF
 OIL, GAS & MINING

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

24. SIGNED Jerry O. Allred TITLE Agent DATE 9 JUNE '81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

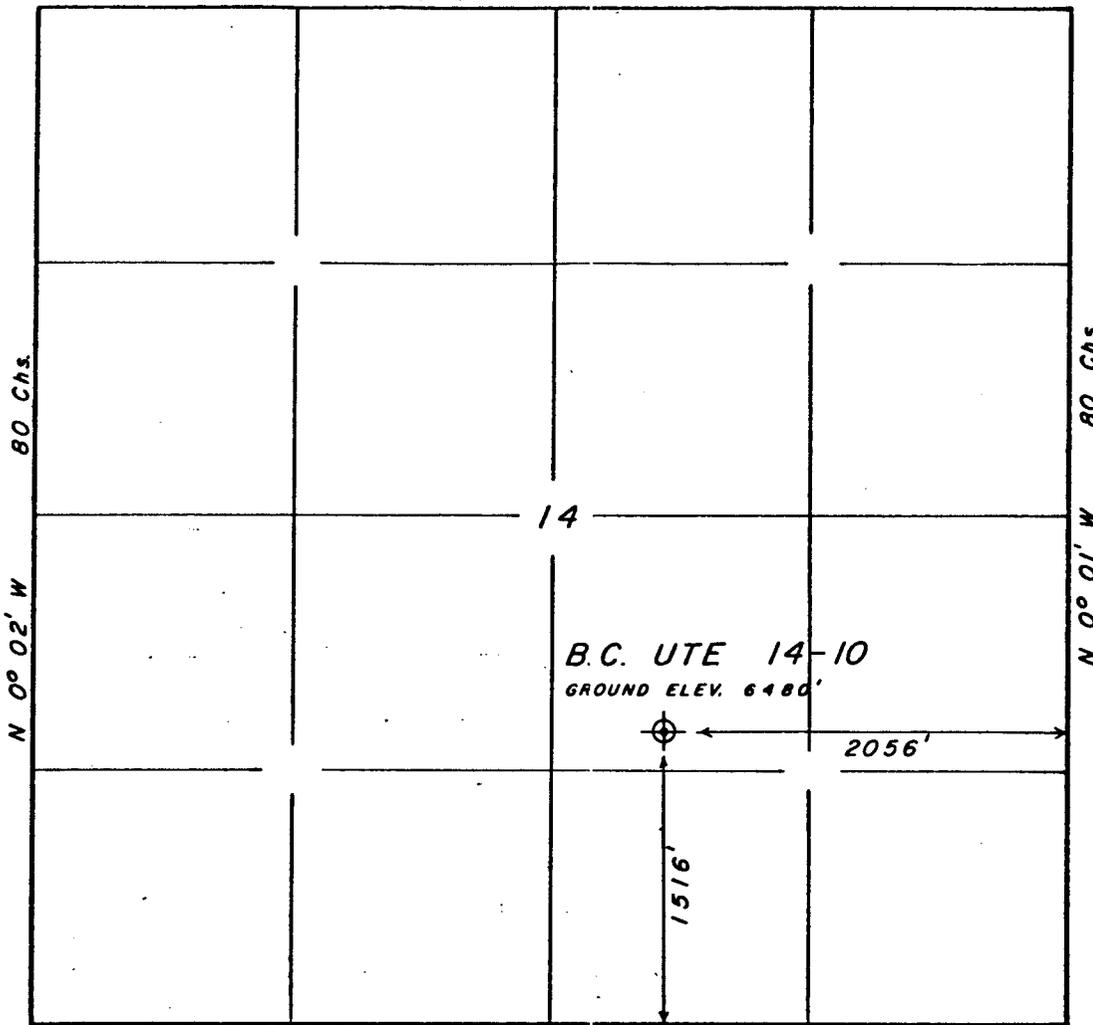
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COUGAR EXPLORATION IN WELL LOCATION PLAT B.C. UTE #14-10

LOCATED IN THE NW¼ OF THE SE¼ OF
SECTION 14, T5S, R5W, U.S.B.&M.

N 89° 52' W 79.76 Chs.



SCALE: 1"=1000'

LEGEND & NOTES

THE GENERAL LAND OFFICE PLAT WAS
USED FOR REFERENCE AND CALCULATION

THE BASIS OF BEARINGS FOR THIS SURVEY
WAS DETERMINED BY SOLAR OBSERVATION

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared
from field notes of an actual survey
performed by me, during which the shown
monuments were found or established.

Jerry D. Allred
Jerry D. Allred, Registered Land
Surveyor, Cert. No. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

9 June '81

81-123-001

COUGAR EXPLORATION, INC.
13 Point Surface Use Plan
for
B.C. UTE #14-10
located in
Section 14, T5S, R5W, U.S.B.&M.
Duchesne County, Utah

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

Section 14, T5S, R5W, U.S.B.&M.

Duchesne County, Utah

1.) EXISTING ROADS

- A. See accompanying plats and maps.
- B. Proceed westerly from Myton, Utah along U.S. Highway 40 a distance of 9.2 miles to its intersection with a County Road; Thence Southwesterly along the County road into Sowers Canyon 13 miles to its intersection with the Tabby Canyon Road; Thence Southwesterly along the Tabby Canyon Road 1.2 miles to the proposed well location.
- C. No additional access roads will be needed.
- D. Not applicable.
- E. See accompanying U.S.G.S. plat.
- F. No maintenance will be required on U.S. 40 as it is maintained by the Utah Department of Transportation. Duchesne County forces maintain the County road. The road in Tabby Canyon will be maintained by motorgrader by local construction contractors hired by Cougar Exploration, Inc.

2.) PLANNED ACCESS ROADS (See accompanying U.S.G.S. plat)

There will be no planned access road. The existing road described in Item #1 goes to the proposed location.

3.) LOCATION OF EXISTING WELLS (See accompanying U.S.G.S map)

1-mile radius applicable

1. No water wells.
2. No abandoned wells.
3. No temporarily abandoned wells.
4. No disposal wells.
5. No drilling wells.
6. See map for producing wells.
7. No shut in wells.
8. No injection wells.
9. No monitoring or observation wells.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

4.) LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.

A. See accompanying U.S.G.S. map.

1. Tank batteries are existing at Ute #14-9.
2. The production facilities at Ute #14-9 include a pumping unit and a treater as well as the tank batteries.
3. Oil gathering lines go from the well head through the treater to the tanks at Ute #14-9.
4. There are no gas gathering lines off the location.
5. There are no injection lines.
6. There are no disposal lines.

B. See accompanying U.S.G.S. map and rig layout plat.

1. There will be no attendant lines off the location.
2. See location layout plat.
3. Construction methods and materials will be those usual to the area as supplied by local oil field service companies for facility construction and will include using bulldozers, graders, and workmen crews for construction.
4. The reserve pit will be flagged and fenced for the protection of wildlife, waterfowl and livestock.

C. That part of the location not needed after construction is completed will be graded back to slope and re-seeded with seed acceptable to the landowner.

5.) LOCATION AND TYPE OF WATER SUPPLY.

- A. See accompanying U.S.G.S. map. The water for drilling will come from the creek in Sowers Canyon in the NE $\frac{1}{4}$ of Section 13, T5S, R5W, U.S.B.&M.
- B. The water will be hauled by local water hauling companies over the roads described in Item #1 and the existing road from the Sowers Canyon road to the creek.
- C. No water well will be drilled.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

6.) SOURCE OF CONSTRUCTION MATERIALS.

- A. See accompanying U.S.G.S. map.
- B. All materials used in the construction of this location will be accumulated during construction of the location. No additional material needs are anticipated for this location.
- C. No road gravels or pit linings from other sources are anticipated at this time.
- D. No new access roads will need to be constructed as the existing road goes to the location. The existing road will be re-routed around the Northwest coner of the location but this construction will be part of the location construction and handled in the same manner.

7.) METHODS FOR HANLING WASTE DISPOSAL.

1. Cuttings will be disposed of in the reserve pit.
2. Drilling fluids will be disposed of in the reserve pit.
3. Produced fluids, oil and water, will be disposed of in the reserve pit.
4. Sewage: A partable chemical toilet will be located at the location and be serviced by the leasing company.
5. Garbage and other waste material will be stored in a fenced trash pit and hauled to a sanitary land fill during final clean-up operations.
6. The entire area will be cleaned up upon completion of the location.

8.) ANCILLARY FACILITIES

- A. None planned.

9.) WELL SITE LAYOUT

1. See accompanying layout plat.
2. See accompanying layout plat.
3. See Accompanying layout plat.
4. It is anticipated that the pits will be unlined at this time.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

10.) PLANS FOR RESTORATION OF THE SURFACE.

1. That part of the location not needed after construction will be graded back to slope and covered with the stockpiled topsoil and waste disposal will be as outlined in Item #7.
2. See Item #4C.
3. Prior to rig release the pits will be fenced and flagged and maintained as such until final clean-up.
4. Overhead flagging will be installed over the pit.
5. Completion of rehabilitation operations will be within 90 days of completion of drilling.

11.) OTHER INFORMATION

1. The location is located near the bottom of Tabby Canyon which is at the Southwest end of the Uintah Basin. The Uintah Basin is formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The location is in an area of numerous canyons and ridges formed of sandstone, cobblerock, conglomerate, and shale deposits all with a general drainage toward the Northeast. The yearly average rainfall is 8 inches, causing most of the drainages to be non-perennial. Tabby Canyon opens into Sowers Canyon which in turn empties in to the Duchesne River. The vegetation in the area consists of areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti. The animal life consists predominately of mule deer, coyotes, rabbits, ground squirrels and other types of rodents, and reptiles common to the area. The birds of the area are raptors, finches, sparrows, magpies, crows and jays.
2. The surface use activities are mainly grazing for domestic livestock.
3. The nearest water is in Sowers Canyon 1.3 miles down canyon from the location. There are no occupied dwellings in the area. No evidence was found of archeological, historical or cultural sites in the area of this location.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

11. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Frank Pritchett

COUGAR EXPLORATION, INC.

One Denver Place, Suite 1260

999 18th Street

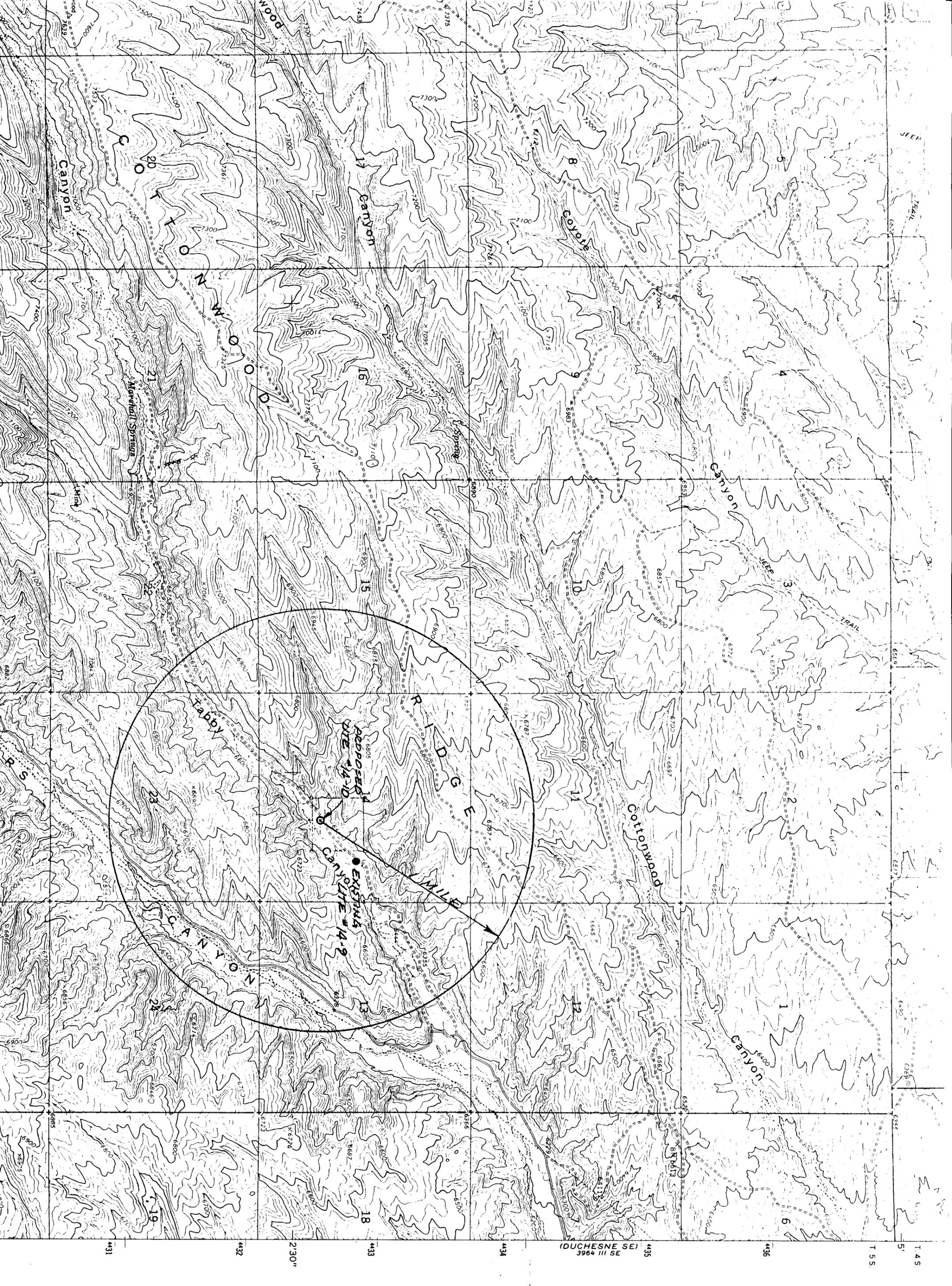
Denver, Colorado 80202

12. CERTIFICATION

I hereby certify that 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 associated with the operation proposed herein will be performed by COUGAR EXPLORATION, INC. and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

9 JUNE '81
Date

Jerry D. Alford
Jerry D. Alford, Agent



JFEP

656.9

657.7

650.0

652.8

652.5

T 4 S

5'

T 5 S

4486

(DUCHESE SE)
3964 III SE

4485

4484

4483

2'30"

4482

4481

Canyon

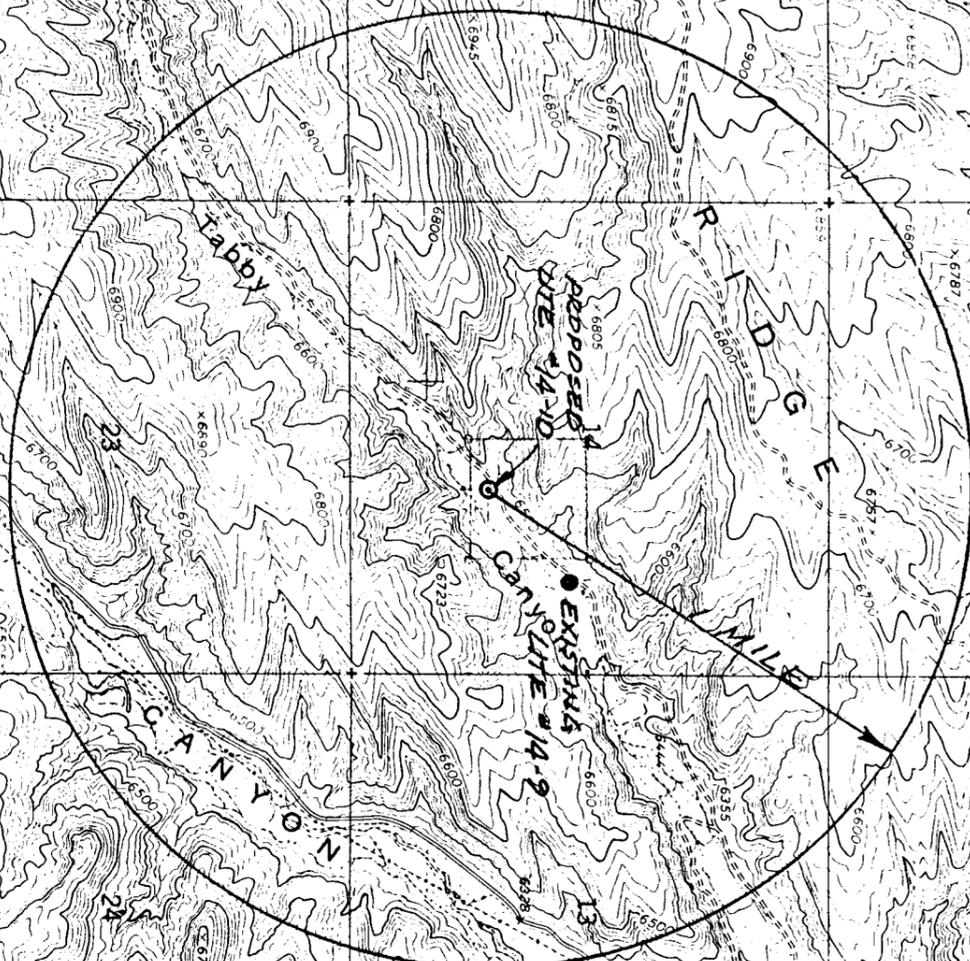
Cottonwood

RIDGE MILLS CANYON

Coyote

Canyon

Canyon



Labby Canyon

Marshall Springs

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

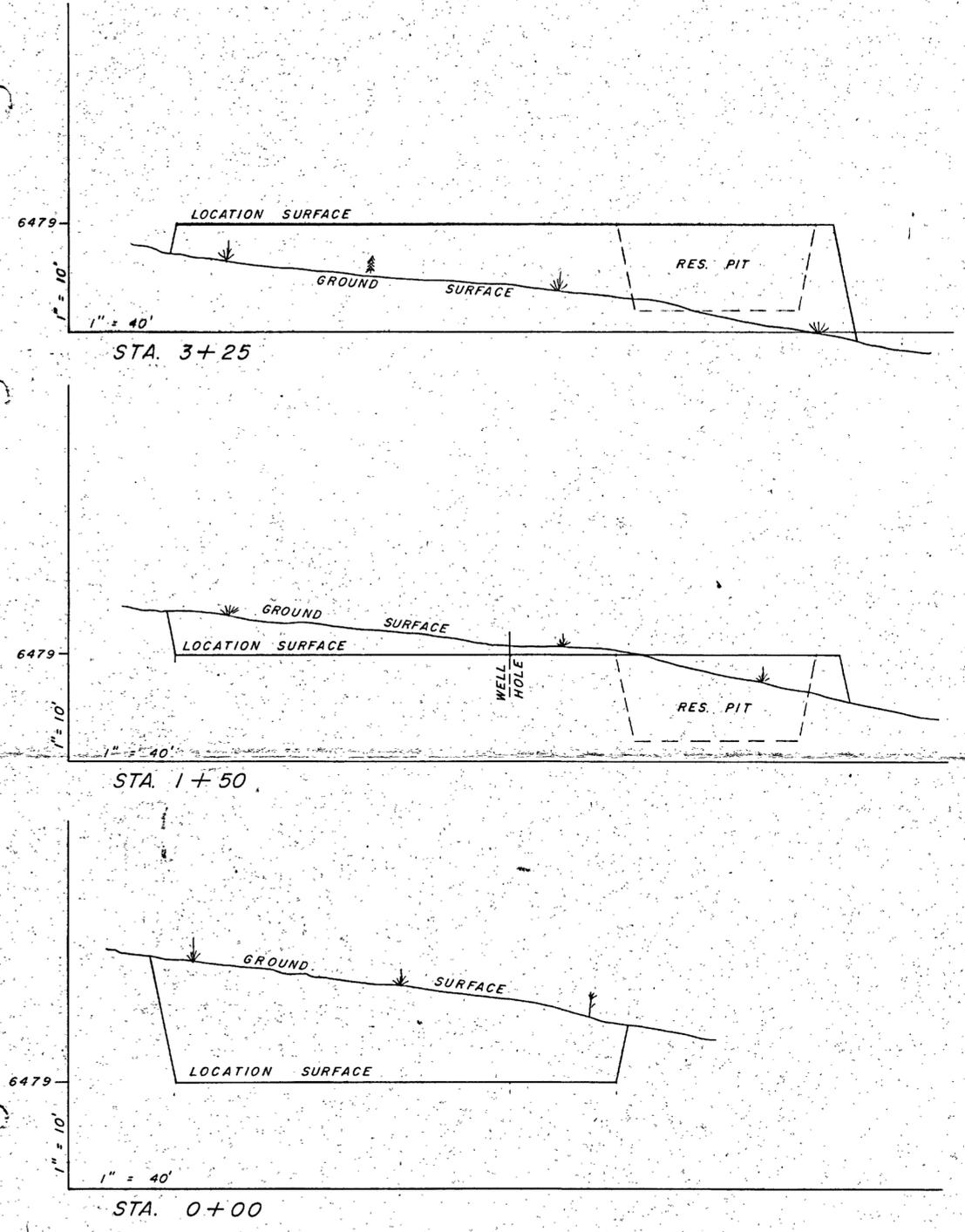
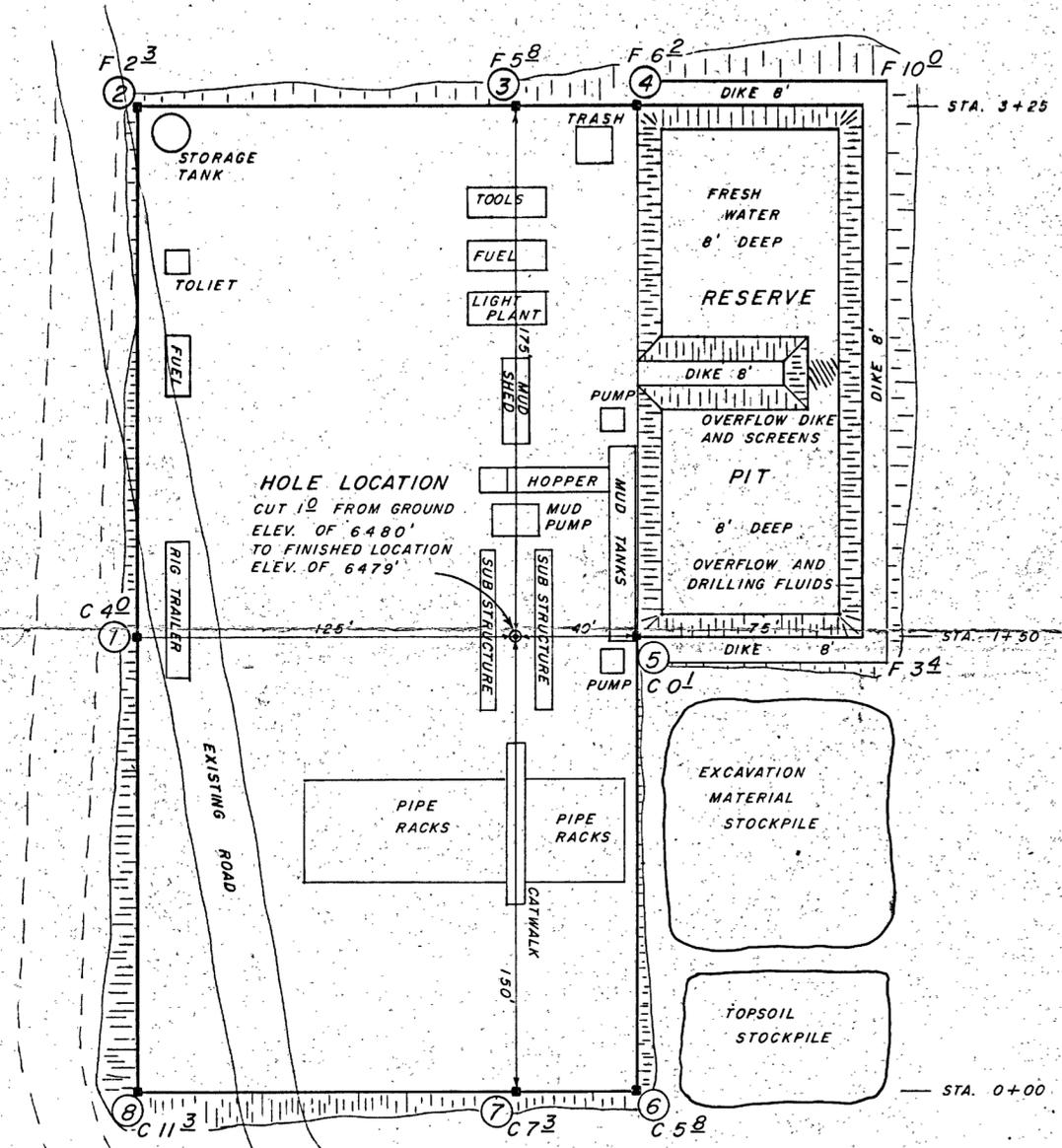
323

324

COUGAR EXPLORATION

B.C. UTE #14-10

LOCATED IN THE NW 1/4 OF THE SE 1/4 OF
SEC. 14, T 5 S, R 5 W, OF THE U.S.B. & M.



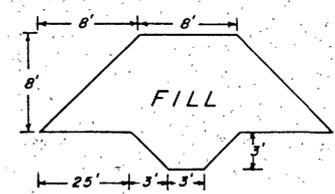
HOLE LOCATION
CUT 10' FROM GROUND
ELEV. OF 6480'
TO FINISHED LOCATION
ELEV. OF 6479'

NOTES

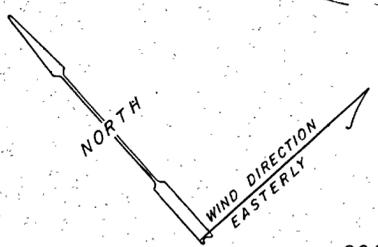
- OVERHEAD FLAGGING TO BE INSTALLED OVER RESERVE PIT.
- SOIL IS SHALE AND WEATHERED SANDSTONE.

APPROXIMATE QUANTITIES

CUT: 7100 cu yds
FILL: 3350 cu yds

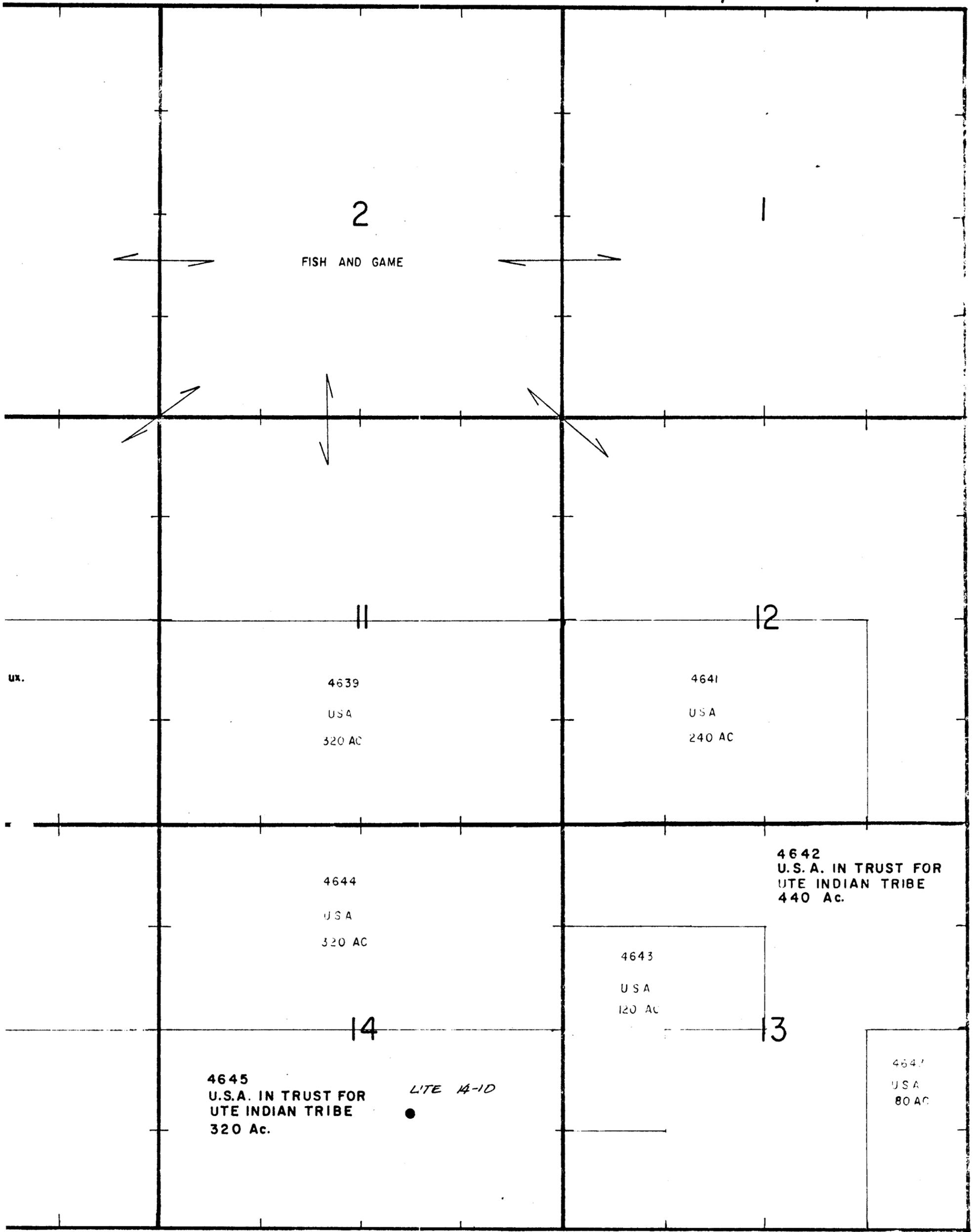


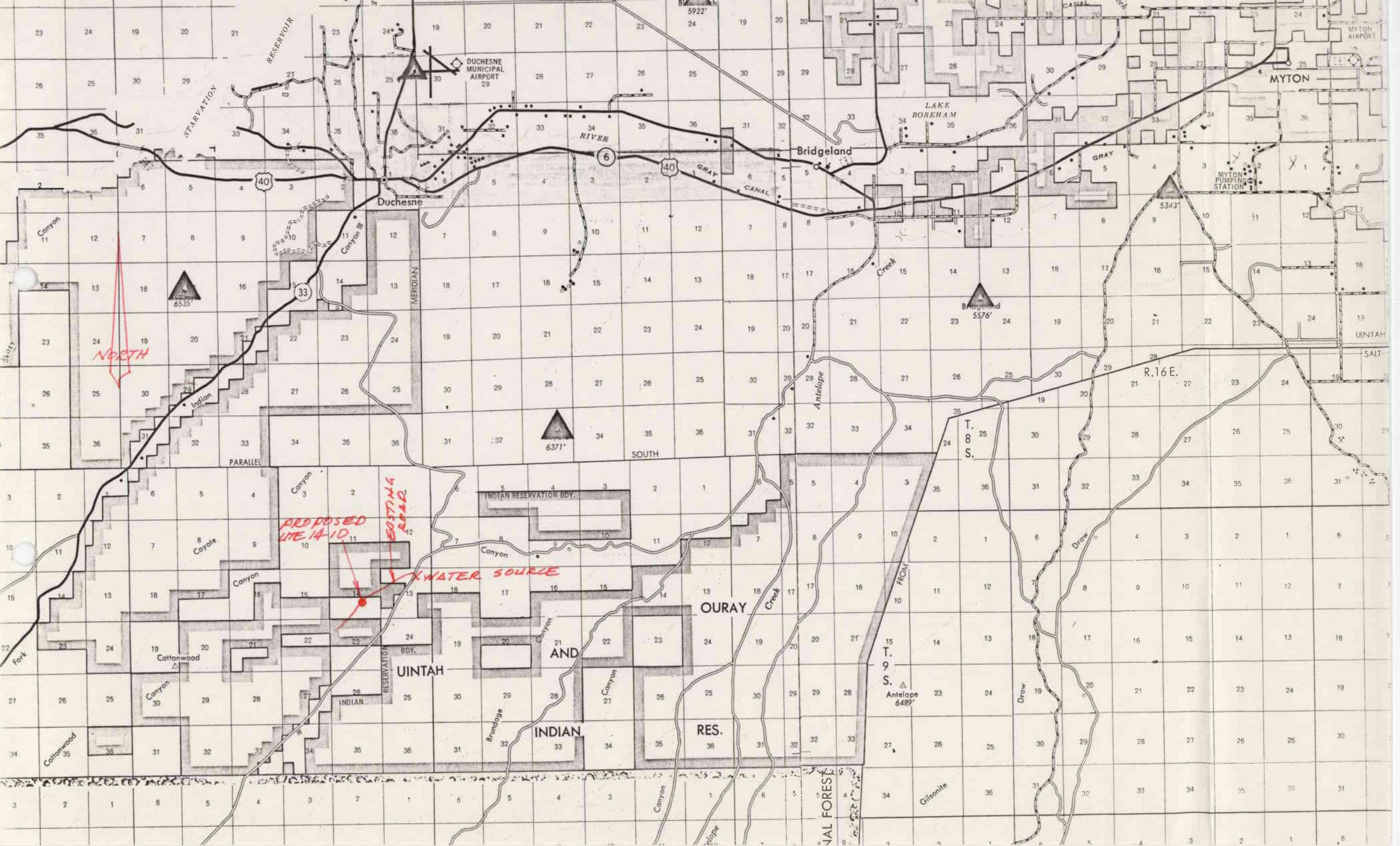
KEYWAY A-A



SCALE: 1" = 40'

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352





STARVATION RESERVOIR

DUCHESE MUNICIPAL AIRPORT

MYTON AIRPORT

LAKE BORHAM

Bridgeland

Duchesne

MYTON PUMPING STATION

6535'

Bridgeland 5576'

6371'

R.16 E.

T. 8 S.

PROPOSED LINE 14-10

EXISTING ROAD

WATER SOURCE

OURAY

AND

UINTAH

RES.

T. 9 S.

Antelope 6489'

JAL FOREST

Gilsonite

COUGAR EXPLORATION, INC.

B.C. UTE #14-10

NW¼ of SE¼, Section 14, T5S, R5W, USB&M

Duchesne County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION:

Green River

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Base to 5000'--Green River

5000' to 9500'--Wasatch

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL GAS, OR OTHER MINERAL BEARING FMS:

400' Water

4500' Oil and Gas

4500' to TD Oil and Gas

4. CASING PROGRAM:

40' of 13 3/8" conductor pipe

460' of 12 1/4"

4500' of 8 3/4"

5 1/2" casing for production

5. BOP PROGRAM (See attached Figure 3)

A. 1 10" 900 Series Rotating Head

B. 1 11" 900 Series Cameron Double Gate

1 Pipe Ram

1 Blind Ram

C. 1 11" Hydrill

D. Choke System

E. BOP's and choke manifold will be installed and pressure tested before drilling out from under surface casing and will be checked daily as to mechanical operating condition.

6. DRILLING FLUID

Hole will be air drilled. A large rotary air compressor rated at 1500 CFM (1600 psi) will be used to drill hole. If a significant flow of water is encountered, soap mist injection will be used to

the 5000' level.

7. AUXILIARY EQUIPMENT:

- A. Kelly Cock
- B. Drill Pipe Float
- C. A sub on the floor with a full opening valve to be stabbed into drill pipe.

8. TESTING, LOGGING, OR CORING:

- A. No open hole test will be run.
- B. Dual induction Laterolog, CNL Density.
- C. Fracturing or other treatment program information not known at present. A program will be submitted prior to operation for approval.
- D. No coring anticipated.

9. ABNORMAL PRESSURE OR TEMPERATURE:

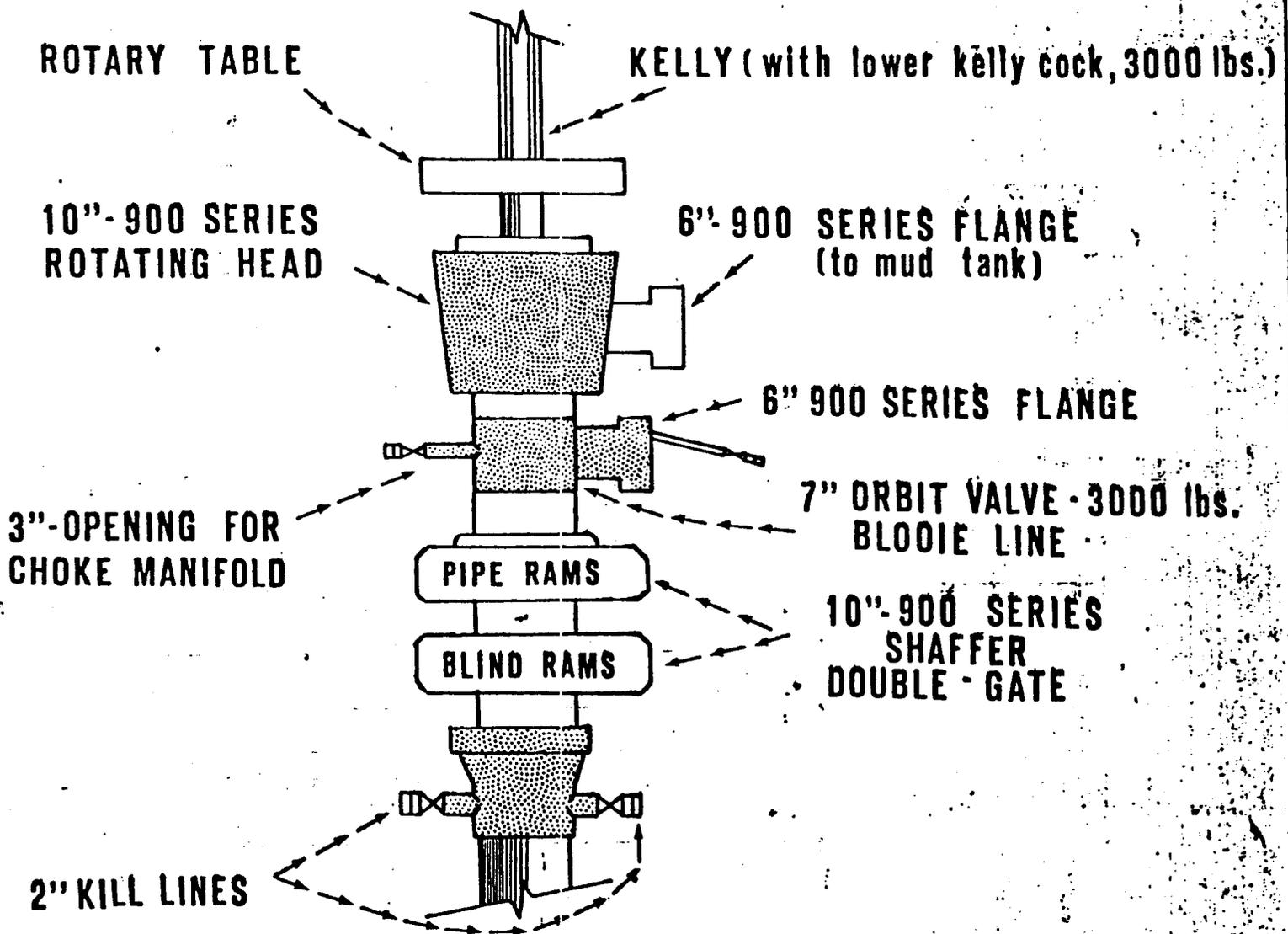
No abnormal pressures or temperatures are anticipated based on information from other drilled holes in the area.

10. STARTING DATE:

1 July 1981.

DENTON BROTHERS DRILLING CO.

BOP STACK



RIG NO. 1

NOT TO SCALE

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
COUGAR EXPLORATION, INC.

3. ADDRESS OF OPERATOR
One Denver Place Suite 1260, 999 18th St, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
2056' FEL 1516' FSL Sec. 14, T5S, R5W, USB&M.
 At proposed prod. zone
NWSE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
23.4 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1516'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6479' Finish Location

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	Conductor pipe	40'	25 sacks
12 1/2"	9 5/8"	32#	460'	100 Sacks
8 3/4"	5 1/2"	32#	4500'	200 Sacks

See 10 point and attachments

RECEIVED

JUN 17 1981

DIVISION OF
OIL, GAS & MINING

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

DATE: 7/16/81

BY: B. Feight

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

24. SIGNED: Jerry O. Allred TITLE: Agent DATE: 9 JUNE '81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
B.C. UTE #14-10

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T5S, R5W, USB&M

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

19. PROPOSED DEPTH
5000'

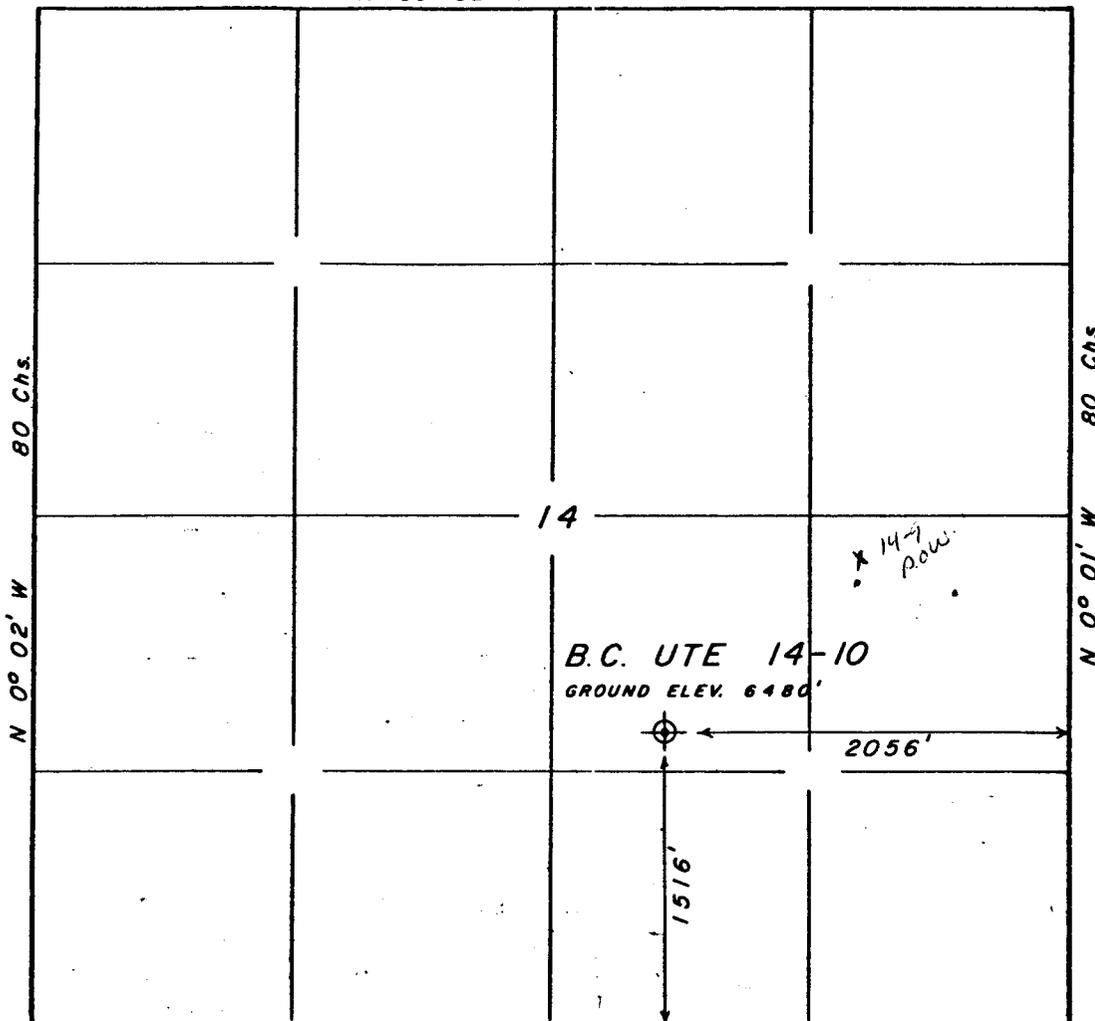
20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
1 July 1981

COUGAR EXPLORATION INC. WELL LOCATION PLAT B.C. UTE #14-10

LOCATED IN THE NW $\frac{1}{4}$ OF THE SE $\frac{1}{4}$ OF
SECTION 14, T5S, R5W, U.S.B.&M.

N 89° 52' W 79.76 Chs.



SCALE: 1"=1000'

LEGEND & NOTES

THE GENERAL LAND OFFICE PLAT WAS
USED FOR REFERENCE AND CALCULATION

THE BASIS OF BEARINGS FOR THIS SURVEY
WAS DETERMINED BY SOLAR OBSERVATION

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared
from field notes of an actual survey
performed by me, during which the shown
monuments were found or established.

Jerry D. Allred

Jerry D. Allred, Registered Land
Surveyor, Cert. No. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-6352

9 June '81

81-123-001

COUGAR EXPLORATION, INC.
13 Point Surface Use Plan
for
B.C. UTE #14-10
located in
Section 14, T5S, R5W, U.S.B.&M.
Duchesne County, Utah

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

Section 14, T5S, R5W, U.S.B.&M.

Duchesne County, Utah

1.) EXISTING ROADS

- A. See accompanying plats and maps.
- B. Proceed westerly from Myton, Utah along U.S. Highway 40 a distance of 9.2 miles to its intersection with a County Road; Thence Southwesterly along the County road into Sowers Canyon 13 miles to its intersection with the Tabby Canyon Road; Thence Southwesterly along the Tabby Canyon Road 1.2 miles to the proposed well location.
- C. No additional access roads will be needed.
- D. Not applicable.
- E. See accompanying U.S.G.S. plat.
- F. No maintenance will be required on U.S. 40 as it is maintained by the Utah Department of Transportation. Duchesne County forces maintain the County road. The road in Tabby Canyon will be maintained by motorgrader by local construction contractors hired by Cougar Exploration, Inc.

2.) PLANNED ACCESS ROADS (See accompanying U.S.G.S. plat)

There will be no planned access road. The existing road described in Item #1 goes to the proposed location.

3.) LOCATION OF EXISTING WELLS (See accompanying U.S.G.S map)

1-mile radius applicable

1. No water wells.
2. No abandoned wells.
3. No temporarily abandoned wells.
4. No disposal wells.
5. No drilling wells.
6. See map for producing wells.
7. No shut in wells.
8. No injection wells.
9. No monitoring or observation wells.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

4.) LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.

- A. See accompanying U.S.G.S. map.
 - 1. Tank batteries are existing at Ute #14-9.
 - 2. The production facilities at Ute #14-9 include a pumping unit and a treater as well as the tank batteries.
 - 3. Oil gathering lines go from the well head through the treater to the tanks at Ute #14-9.
 - 4. There are no gas gathering lines off the location.
 - 5. There are no injection lines.
 - 6. There are no disposal lines.
- B. See accompanying U.S.G.S. map and rig layout plat.
 - 1. There will be no attendant lines off the location.
 - 2. See location layout plat.
 - 3. Construction methods and materials will be those usual to the area as supplied by local oil field service companies for facility construction and will include using bulldozers, graders, and workmen crews for construction.
 - 4. The reserve pit will be flagged and fenced for the protection of wildlife, waterfowl and livestock.
- C. That part of the location not needed after construction is completed will be graded back to slope and re-seeded with seed acceptable to the landowner.

5.) LOCATION AND TYPE OF WATER SUPPLY.

- A. See accompanying U.S.G.S. map. The water for drilling will come from the creek in Sowers Canyon in the NE $\frac{1}{4}$ of Section 13, T5S, R5W, U.S.B.&M.
- B. The water will be hauled by local water hauling companies over the roads described in Item #1 and the existing road from the Sowers Canyon road to the creek.
- C. No water well will be drilled.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

6.) SOURCE OF CONSTRUCTION MATERIALS.

- A. See accompanying U.S.G.S. map.
- B. All materials used in the construction of this location will be accumulated during construction of the location. No additional material needs are anticipated for this location.
- C. No road gravels or pit linings from other sources are anticipated at this time.
- D. No new access roads will need to be constructed as the existing road goes to the location. The existing road will be re-routed around the Northwest corner of the location but this construction will be part of the location construction and handled in the same manner.

7.) METHODS FOR HANLING WASTE DISPOSAL.

1. Cuttings will be disposed of in the reserve pit.
2. Drilling fluids will be disposed of in the reserve pit.
3. Produced fluids, oil and water, will be disposed of in the reserve pit.
4. Sewage: A portable chemical toilet will be located at the location and be serviced by the leasing company.
5. Garbage and other waste material will be stored in a fenced trash pit and hauled to a sanitary land fill during final clean-up operations.
6. The entire area will be cleaned up upon completion of the location.

8.) ANCILLARY FACILITIES

- A. None planned.

9.) WELL SITE LAYOUT

1. See accompanying layout plat.
2. See accompanying layout plat.
3. See Accompanying layout plat.
4. It is anticipated that the pits will be unlined at this time.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

10.) PLANS FOR RESTORATION OF THE SURFACE.

1. That part of the location not needed after construction will be graded back to slope and covered with the stockpiled topsoil and waste disposal will be as outlined in Item #7.
2. See Item #4C.
3. Prior to rig release the pits will be fenced and flagged and maintained as such until final clean-up.
4. Overhead flagging will be installed over the pit.
5. Completion of rehabilitation operations will be within 90 days of completion of drilling.

11.) OTHER INFORMATION

1. The location is located near the bottom of Tabby Canyon which is at the Southwest end of the Uintah Basin. The Uintah Basin is formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The location is in an area of numerous canyons and ridges formed of sandstone, cobblestone, conglomerate, and shale deposits all with a general drainage toward the Northeast. The yearly average rainfall is 8 inches, causing most of the drainages to be non-perennial. Tabby Canyon opens into Sowers Canyon which in turn empties in to the Duchesne River. The vegetation in the area consists of areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti. The animal life consists predominately of mule deer, coyotes, rabbits, ground squirrels and other types of rodents, and reptiles common to the area. The birds of the area are raptors, finches, sparrows, magpies, crows and jays.
2. The surface use activities are mainly grazing for domestic livestock.
3. The nearest water is in Sowers Canyon 1.3 miles down canyon from the location. There are no occupied dwellings in the area. No evidence was found of archeological, historical or cultural sites in the area of this location.

COUGAR EXPLORATION, INC.

NTL-6 Checklist

B.C. UTE #14-10

11. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Frank Pritchett

COUGAR EXPLORATION, INC.

One Denver Place, Suite 1260

999 18th Street

Denver, Colorado 80202

12. CERTIFICATION

I hereby certify that 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 associated with the operation proposed herein will be performed by COUGAR EXPLORATION, INC. and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

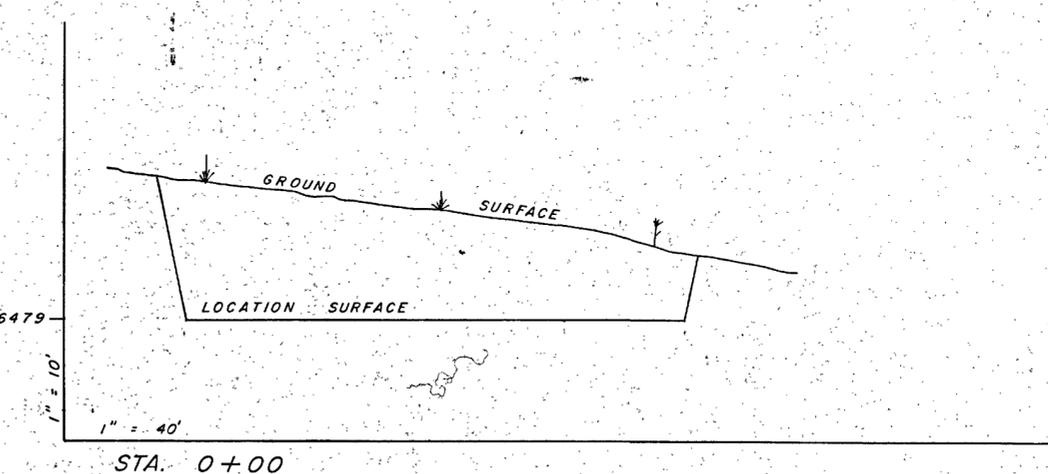
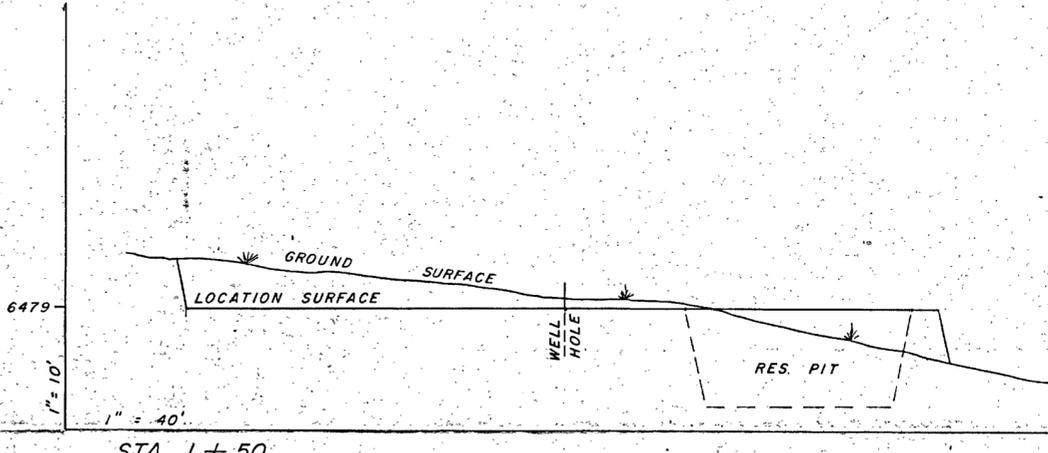
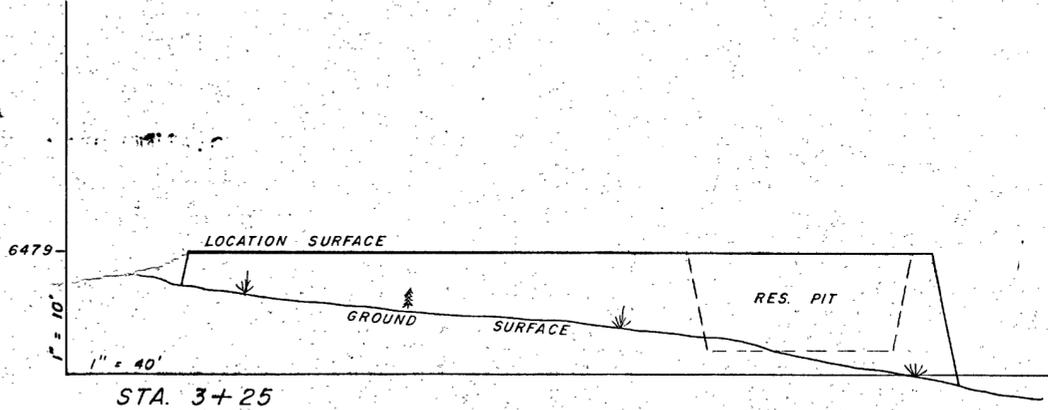
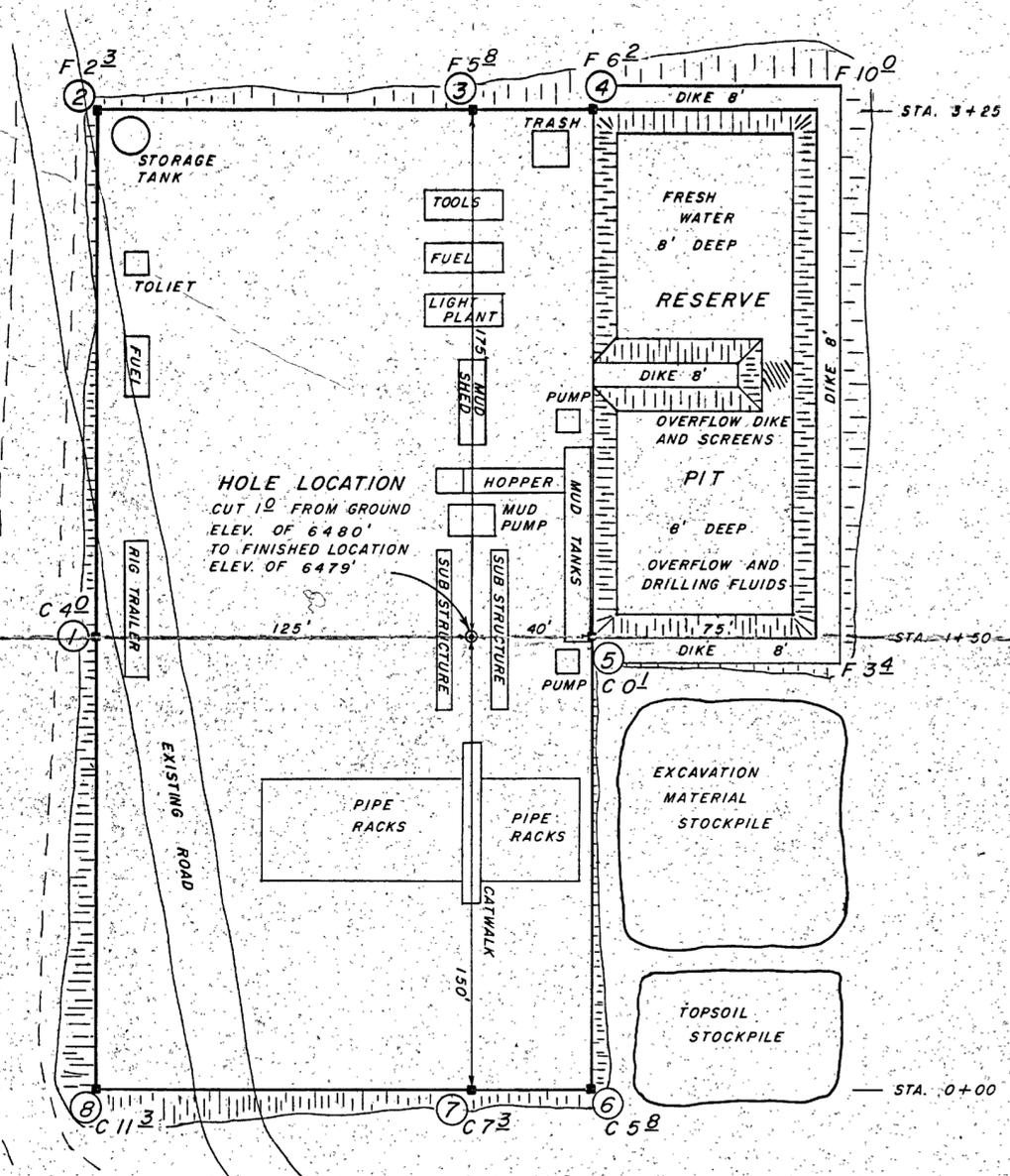
9 June '81
Date

Jerry D. Alford
Jerry D. Alford, Agent

COUGAR EXPLORATION

B.C. UTE #14-10

LOCATED IN THE NW 1/4 OF THE SE 1/4 OF
SEC. 14, T5S, R5W, OF THE U.S.B & M.



NOTES

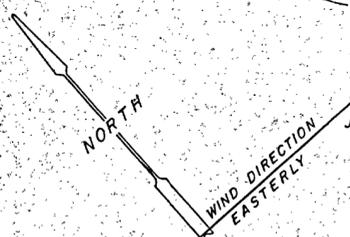
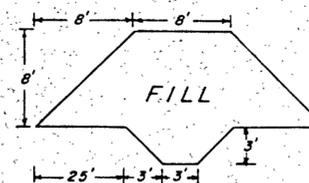
OVERHEAD FLAGGING TO BE INSTALLED
OVER RESERVE PIT.

SOIL IS SHALE AND WEATHERED SANDSTONE.

APPROXIMATE QUANTITIES

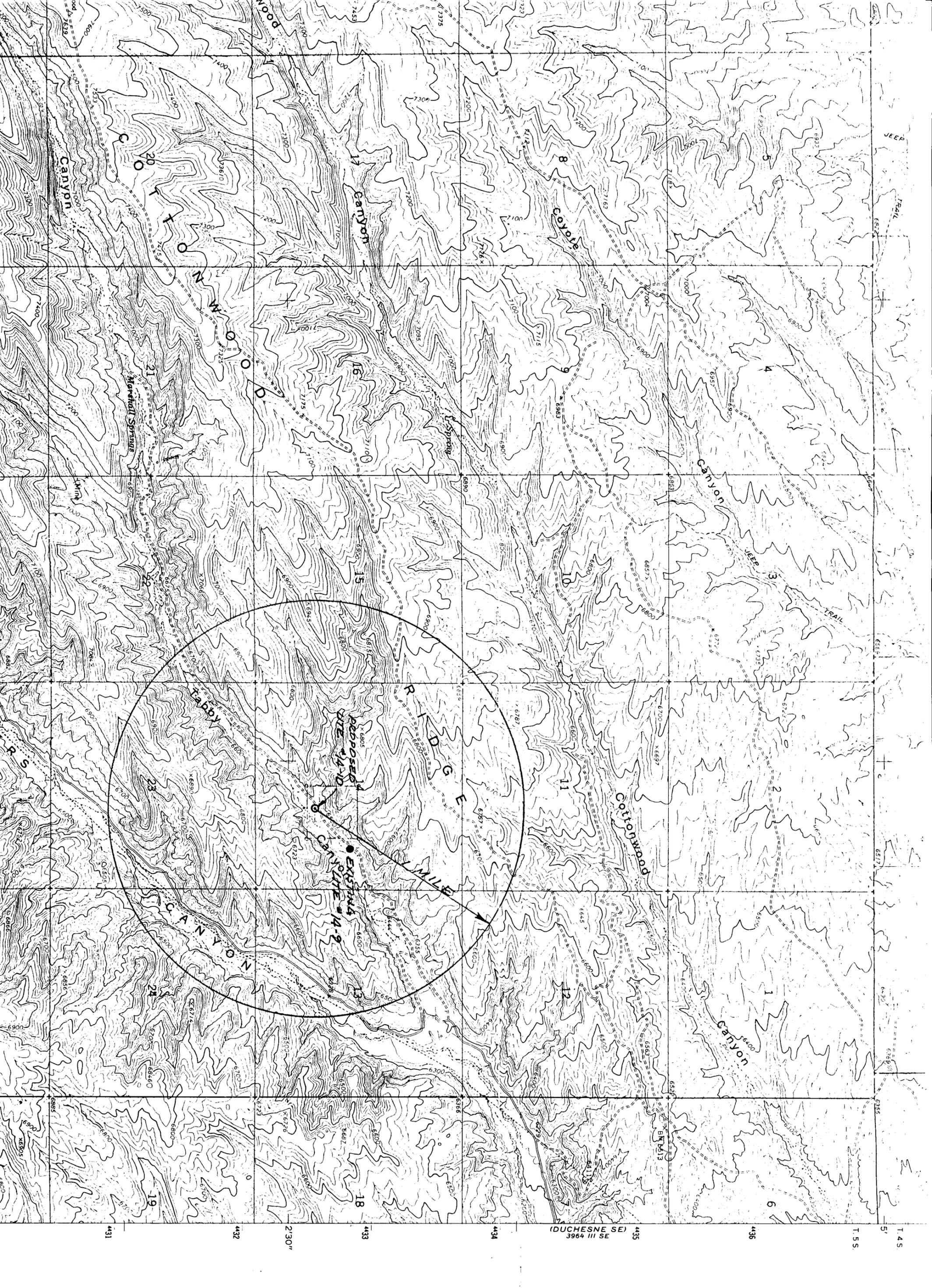
CUT: 7100 cu yds

FILL: 3350 cu yds



SCALE: 1" = 40'

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESE, UTAH 84021
(801) 738-6352



JEEP TRAIL

JEEP TRAIL

JEEP TRAIL

JEEP TRAIL

(DUCHESNE SE)
3964 III SE

T 4 S
5'

4431

4432

2300'

4433

4434

4435

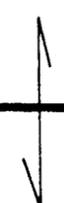
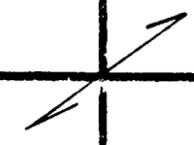
4436

T 5 S

T.5S., R.5W., U.S.B.&M.

2

FISH AND GAME



11

12

ux.

4639
USA
320 AC

4641
USA
240 AC

4644
USA
320 AC

4642
U.S. A. IN TRUST FOR
UTE INDIAN TRIBE
440 Ac.

4643
USA
120 AC

14

13

4645
U.S.A. IN TRUST FOR
UTE INDIAN TRIBE
320 Ac.

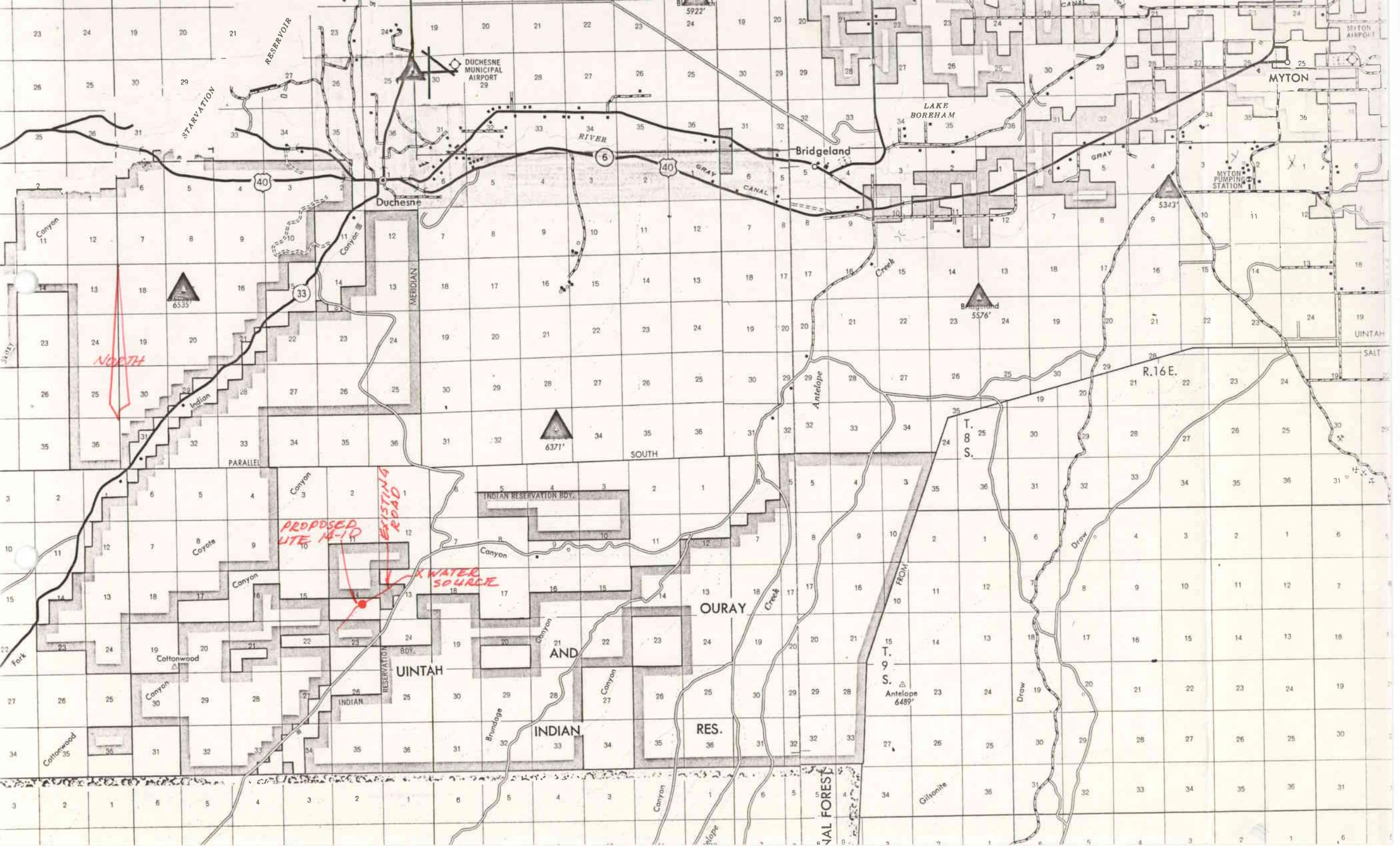
UTE 14-10



4647
USA
80 AC

SCALE: 1" = 1200'





RESERVATION

STARVATION

DUCHEсне MUNICIPAL AIRPORT

6

40

Bridgeland

LAKE BOREHAM

MYTON

Duchesne

MYTON PUMPING STATION

6535'

NORTH

PROPOSED LITE 14-10

EXISTING ROAD

WATER SOURCE

6371'

SOUTH

T. 8 S.

R. 16 E.

PARALLEL

INDIAN RESERVATION BDY.

OURAY

AND

RES.

UINTAH

INDIAN

NATIONAL FOREST

T. 9 S.

Antelope 6489'

FROM

Gilsonite

COUGAR EXPLORATION, INC.

B.C. UTE #14-10

NW $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 14, T5S, R5W, USB&M

Duchesne County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION:
Green River
2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:
Base to 5000'--Green River
5000' to 9500'--Wasatch
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL GAS, OR OTHER MINERAL BEARING FMS:
400' Water
4500' Oil and Gas
4500' to TD Oil and Gas
4. CASING PROGRAM:
40' of 13 $\frac{3}{8}$ " conductor pipe
460' of 12 $\frac{1}{4}$ "
4500' of 8 $\frac{3}{4}$ "
5 $\frac{1}{2}$ " casing for production
5. BOP PROGRAM (See attached Figure 3)
 - A. 1 10" 900 Series Rotating Head
 - B. 1 11" 900 Series Cameron Double Gate
 - 1 Pipe Ram
 - 1 Blind Ram
 - C. 1 11" Hydrill
 - D. Choke System
 - E. BOP's and choke manifold will be installed and pressure tested before drilling out from under surface casing and will be checked daily as to mechanical operating condition.
6. DRILLING FLUID
Hole will be air drilled. A large rotary air compressor rated at 1500 CFM (1600 psi) will be used to drill hole. If a significant flow of water is encountered, soap mist injection will be used to

the 5000' level.

7. AUXILIARY EQUIPMENT:

- A. Kelly Cock
- B. Drill Pipe Float
- C. A sub on the floor with a full opening valve to be stabbed into drill pipe.

8. TESTING, LOGGING, OR CORING:

- A. No open hole test will be run.
- B. Dual induction Laterolog, CNL Density.
- C. Fracturing or other treatment program information not known at present. A program will be submitted prior to operation for approval.
- D. No coring anticipated.

9. ABNORMAL PRESSURE OR TEMPERATURE:

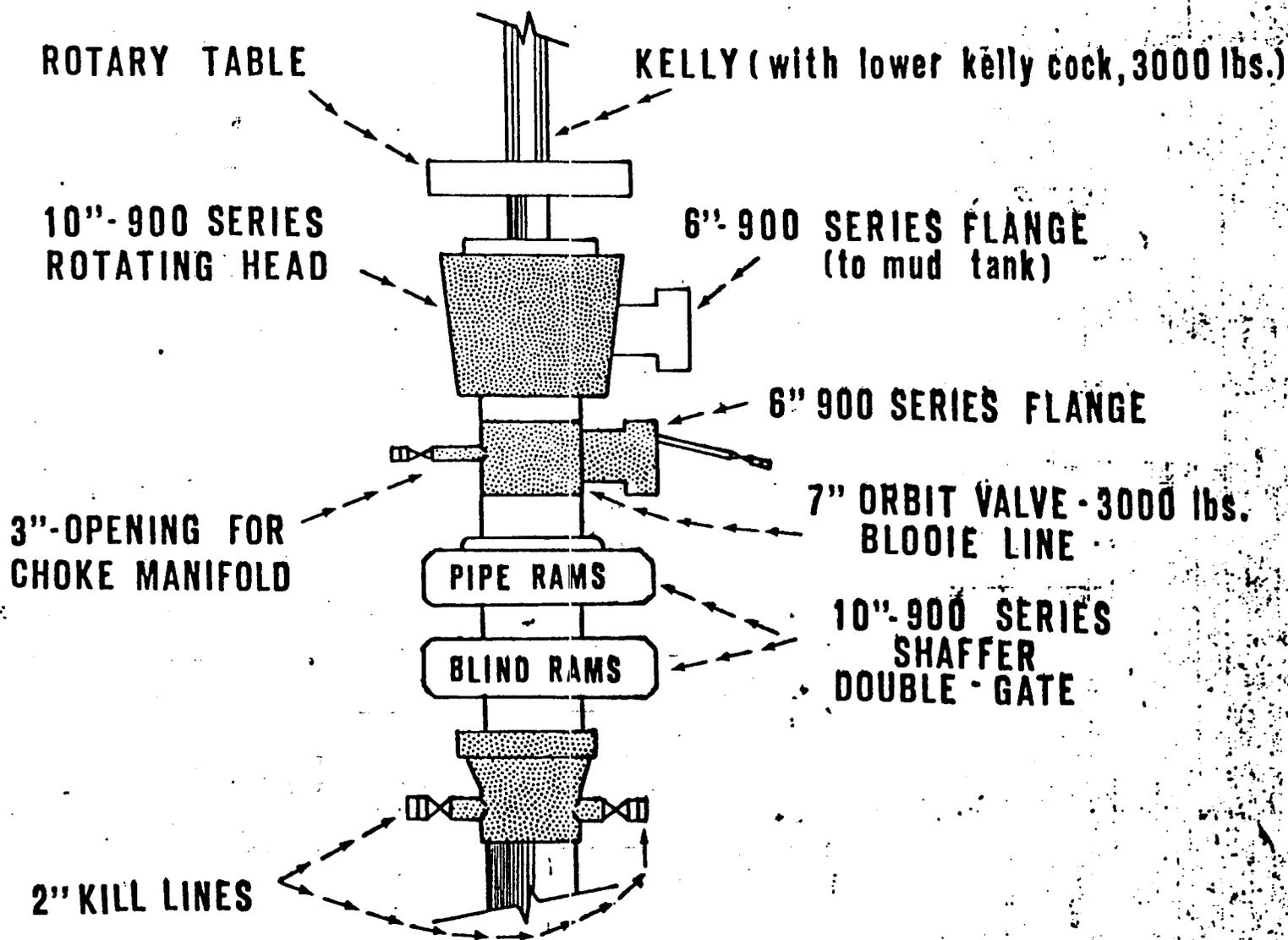
No abnormal pressures or temperatures are anticipated based on information from other drilled holes in the area.

10. STARTING DATE:

1 July 1981.

DENTON BROTHERS DRILLING CO.

BOP STACK



RIG NO. 1

NOT TO SCALE

** FILE NOTATIONS **

DATE: July 8, 1981

OPERATOR: Cougan Exploration, Inc.

WELL NO: BC. well #141-10

Location: Sec. 14 T. S.S R. 5W County: Duchesne

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43 013-30 578

CHECKED BY:

Petroleum Engineer: _____

Director: OK conditional upon owning or controlling all oil & gas leases within 660' from proposed location. See paragraph 11 of submitt. Title exception necessary

Administrative Aide: upper Rule C-3(c), needs topo request, OK on any other oil or gas well.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation 2lna

Plotted on Map

Approval Letter Written

Hot Line

P.I.

July 17, 1981

Cougar Exploration, Inc.
One Denver Place, Ste.#1260
999-18th Street
Denver, Colo. 80202

RE: Well No. B.C. Ute #14-10,
Sec. 14, T. 5S, R. 5W,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this is conditional upon this office receiving a written statement that your company owns or controls the acreage within a 660' radius of the proposed site.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

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

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

The API number assigned to this well is 43-013-30578.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Cleon B. Feight
Director

CBF/db
cc: HSGS



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

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

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

March 12, 1982

Cougar Exploration, Inc.
One Denver Place, Ste. 1260
999 18th Street
Denver, Colorado 80202

Re: Well No. B. C. Ute #14-10
Sec. 14, T. 5S, R. 5W.
Duchesne County, Utah

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

MAR 17 1982



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

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

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

March 12, 1982

RD _____ DSD _____
FIP _____ 2 AGM _____
1 DEA _____
SCV _____ 3 FILE _____

Cougar Exploration, Inc.
One Denver Place, Ste. 1260
999 18th Street
Denver, Colorado 80202

Re: Well No. B. C. Ute #14-10
Sec. 14, T. 5S, R. 5W.
Duchesne County, Utah

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

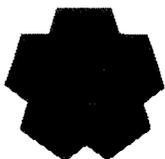
Cari Furse
Clerk Typist

3/29/82

Please cancel this application at this time.

Alison Henning
Olympic Exploration, Inc.

MAR 17 1982



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

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

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

March 12, 1982

RD _____ DSD _____
FIP _____ 2 AGM
1 DEA _____
SCV _____ 3 FILE _____

Cougar Exploration, Inc.
One Denver Place, Ste. 1260
999 18th Street
Denver, Colorado 80202

Re: Well No. B. C. Ute #14-10
Sec. 14, T. 5S, R. 5W.
Duchesne County, Utah

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

3/29/82

Please cancel this application at this time.

Olson Henning
Olympic Exploration, Inc.